



WORLDWIDE TV-FM DX ASSOCIATION
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Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

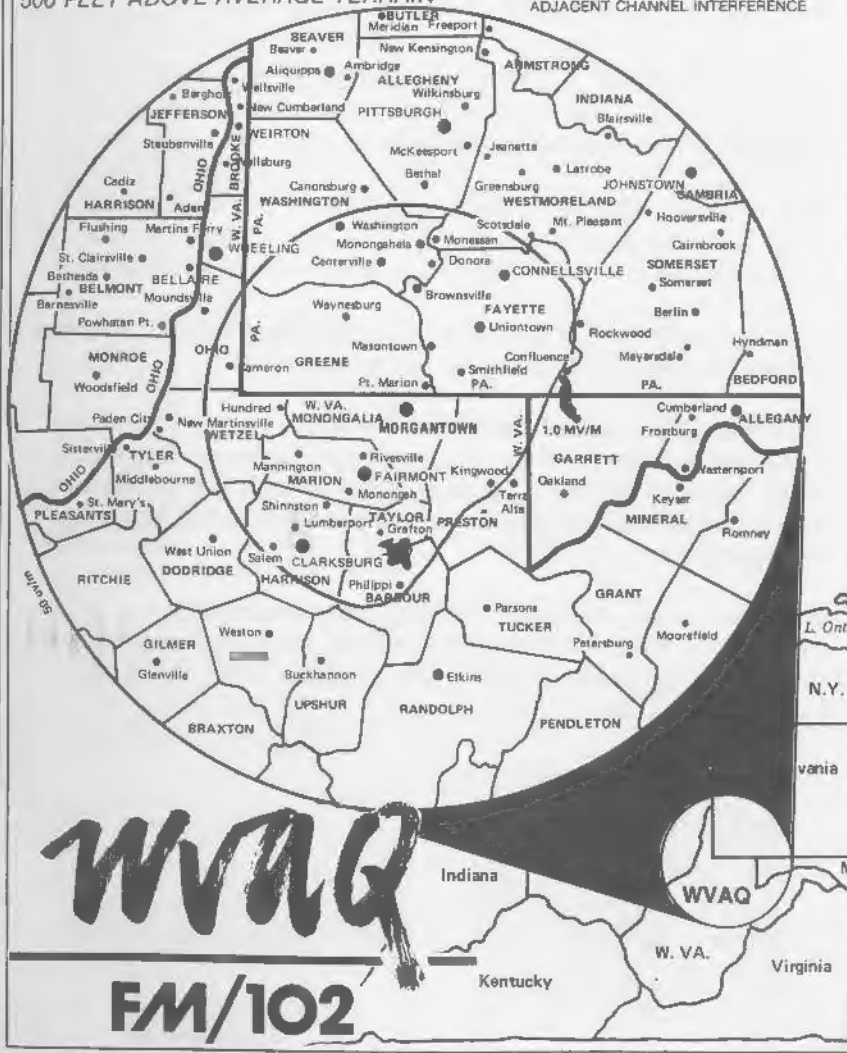
SEPTEMBER 1992

50,000 WATTS

STEREO

500 FEET ABOVE AVERAGE TERRAIN

THE 50 uv/m CONTOUR IS FOR COMPARISON PURPOSES ONLY AND MAY NOT BE FREE FROM ADJACENT CHANNEL INTERFERENCE



WVAQ

FM/102

WTFDA '92 CONFERENCE

MARK SEPTEMBER 11-13 on your calendars for this year's W T F D A CONFERENCE! Conference host Michael Goetsch welcomes you to Pittsburgh, Pennsylvania along with the Pittsburgh Motel.

Jack, owner of the Pittsburgh Motel, 4270 Steubenville Pike, Route 60, invites 1992 Conference attendees. A complimentary hospitality room will be provided with free coffee! Plus, you'll be invited to construct antennas.

Tours of local FM and TV stations will be arranged by Michael. Attendees interested in holding seminars are invited to contact him.

The Pittsburgh Motel, 1992 Conference Site, is conveniently located near the turnpike and airport. They will give pre-paid Conference Registrants before August 16 Preferred Accommodations! Call (412) 922-1619 and mention WTFDA 1992 to reserve your room at as low as \$29.50 per day single occupancy.

A modest Conference Fee of \$12 is being charged to help offset administrative costs. Conference Fee's may be sent in advance to Michael Goetsch, c/o The Pittsburgh Motel, 4270 Steubenville Pike, Route 60, Pittsburgh, PA 15205.



QSL CORNER & LOGOS RUN

Thomas J. Yingling, Jr.
221 Pinewood Road
Baltimore, MD
21222-2845
410-282-5649

PA WETR 88.1 Erie, % Family Radio, 2906 Mt. Ephraim Ave, Camden, NJ 08104. I got back my PFC (prepared file card for verification of reception) back with a business card signed by Mike Zeimann, Mgr. in 3 weeks. (Ross)

CO KTLF 89.7 Colorado Springs, 1802 Chapel Hills Dr., Suite A, zip 80920. Letter back from Barbara Elliott, Member of Board of Trustees answers on letterhead of another board member, Ronald A. Johnson, MD. Supplied a brief QSL, mentioning they have since moved to 90.5 MHz. (Elving)

CO KVRH 92.1 Salida, 7600 Country Road, zip 81201. Letter from William J. Murphy, President verified, said they have been heard from a listener 60 miles north of Calgary, AB. They also send a station profile, and info on market. (Elving)
CO KSPK 102.3 Walsenburg, Box 1210, zip 81089. Letter from Annette Geiser, GM who sends brief report and station brochure. She also mentions about soon power increase to 17,000 watts, and believes my report the greatest distance they have received. (Elving)

IL WDLN 89.3 East Moline, P. O. Box 149, zip 61244. Glenn Rogerson, CE sends QSL Card and my letter back with a note saying they were heard 5 to 6 years ago in Boynton Beach, FL "where we also have an owned & operated station on the same frequency!?!?" (his punctuation) "Yours is the farthest in recent years." (Elving)



MN KSRO 90.1 Thief River, % Thief River Falls Technical College, Highway One East, zip 56701. Letter from Donald H. Jonstad, Station Manager expressing surprise at being heard in Eako saying "our students seldom believe that anyone really listens." Also send bumper stickers and cap. (Elving)
WI WOFR 94.7 Mosinee, P. O. Box 1206, zip 54402-1206. Long handwritten letter from Roger Watson, Corporate Engineer apologizing for delay in writing because of time spent in putting the new station on the air. It's on 24 hours a day. Xintr site city of Poniatowski, 23 km west of Wausau, WI with studios downtown Wausau. "You are the most distant human being being we've heard from by far mentioning other reports from Green Bay, Black River Falls, Rhinelander, & Marinette however nothing beats your distance to date." Also send coverage map, station data, and invited me to stop by & get a tour. (Elving)

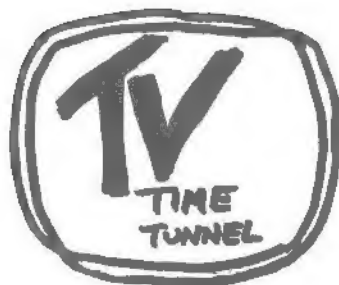
WI WHBM 90.3 Park Falls, W4551 Highway 182, zip 54552. Roger Strand, CE send short letter several months after I wrote. (Elving)

AB CKUA-FM-1 93.7 Calgary, % Access Network, CKUA-AM-FM, 4th Floor, 10526 Jasper Ave., Edmonton, AB zip T5J 1Z7. Friendly, but very inspecific letter of "verification" from Monika Martin, Program Coordinator says "You did indeed pick up CKUA-AM-FM" which is wrong because it was only CKUA-FM-1 which I reported heard. This letter came after I called, and she called me back, and then I sent a post card re-reporting the reception after two failed to get a veris. Sent a program schedule and large 60th anniversary book on the history of CKUA and its network of FM stations. (Elving)

MI WRKR 107.7 Portage, 9835 Portage Rd. zip 49002-7258. PFC & qsl card back from Mike Childs, DJ in 2 weeks. (Ross)



CONTINUED ON PAGE 48



WRITTEN BY TOM BRYANT, 849 TODD PREIS DR.,
NASHVILLE, TENNESSEE 37221 (615-646-2000)

[SPECIAL THANKS TO FORMER WLW STAFFER L. E. PATTON OF FT. THOMAS, KY FOR THE LOAN OF HISTORIC RESEARCH MATERIAL USED HEREIN.]

This month, an introduction to the WLW empire...specifically to the man who founded it. It's fascinating stuff, and I hope you enjoy it as much as I did while researching the subject. There's a lot more to come...next month...Crosley's television ventures. Meanwhile, **SEE YOU SOON IN PITTSBURGH !!!**

POWEL CROSLLEY, JR.; the man

CROSLLEY BROADCASTING; the legend

PRELUDE: Although the history of WLW and Crosley Broadcasting is long and illustrious, I was intrigued to learn that the man who founded it was even more fascinating than the broadcast giant itself. With that in mind, this synopsis of one of America's most famous operations opens with a look at Powel Crosley, Jr. His life and career were as unusual as the spelling of his given name. Only the highlights of his long and productive career are included here; a more comprehensive biography is available in the 1971 Prentice-Hall book "Not Just A Sound...The Story of WLW" written by Dick Penny. Because of the extreme importance of Crosley's widely varied business empire, this month's column will dwell on the early years, and we'll move into the television aspect next month. Please bear in mind that attempting to condense Crosley's story to two pages is tantamount to trimming both volumes of "TV Factbook" to the size of a postcard!

Powel Crosley, Jr. was a complex being. His first love was cars, and he raced them as a young man. He began his college career in engineering, but was pressured by his father to change to a law curriculum. At one point he quit college to become a chauffeur, simply so he would have a car to drive. The law studies were short-lived, and Crosley eventually received a degree in engineering. Other career branches included a job selling bonds; telephone lineman, and advertising copywriter. He built his first car, the "Marathon Six", in 1907. The prototype cost him \$10,000; but the production model was to sell for about \$1,700. World War One ended that project, and he drifted from job to job in the automotive field in cities in Michigan and Indiana.

Returning to Cincinnati in 1911, he started his own shop to fabricate auto accessories. One of the gadgets he conceived and marketed with great success was a flag holder which mounted on auto radiator caps. He is credited with inventing the first automotive fuel additive, "Gestronic". These and several other products turned out to be big sellers, and Crosley was well on his way to becoming a wealthy man prior to his first brush with radio in 1921.

In response to pleas from his son, he went shopping for a wireless receiver. Shocked at the \$100+ price tags, he wound up buying a 25¢ book and \$30 worth of parts; and built his own! One of the first things he heard was KDKA in Pittsburgh. He was hooked!

Crosley was so intrigued with his \$30 radio that he took it to the crew at his auto accessory plant and had them duplicate it. He felt that if he could mass produce a reasonably priced receiver, thousands more people could be introduced to the new medium. He was right. The initial selling price for the first Crosley radio was \$20, including earphones.

Now...why should people buy his radios? Crosley figured that he ought to begin transmitting programs to stimulate demand, and started 20 watt experimental station 8XAA in 1921 to do exactly that.

TIME TUNNEL/Crosley--page 2

The idea clicked. Radios were selling like hotcakes. Crosley immediately began designing and manufacturing improved (but still moderately priced) receivers. At the same time he quickly expanded his broadcast facilities. Just a year later [1922] he was granted a commercial license and the call letters WLW. By 1928 the station had become one of a handful of 50,000 watt giants!

It didn't stop there. Crosley reasoned that people would enjoy radio in their cars as well as at home, and in 1930 he patented the "Roamio"...America's first battery powered car radio. Convinced that the more people his station could reach, the more radios he could sell; he lobbied for and was granted an experimental license permitting WLW to transmit with 500,000 watts. The super-power operation began in 1934 with President Franklin Roosevelt pressing a telegraph key in the White House to fire up the 500 kW monster. WLW was heard around the world...no other station was as powerful!

The dominance of WLW came under fire from the press and other broadcasters [all green with envy, I presume], and 5 years later, in 1939, the experimental high power grant was rescinded and the station was forced by the government to return to 50,000 watts.

No matter; the radios were still selling like crazy; and so were a lot of other Crosley products. There was the non-electric ammonia activated "ICY-BALL" refrigerator. The X-ER-VAC scalp massager (also touted as a hair grower). A FAX-type transmission system to deliver news to homes and businesses. An unsuccessful attempt at a 35mm camera. Several types of clocks. A bottle cooler. A pharmaceutical product called "Peptikem" (no word on what it was for). There was "Tredcote", a tire patching compound. A cross between a tricycle and a stroller called "Baby-Go-Bi-Bi". Or how about "Driklenit"...an auto polish? The tinkerer-turned-broadcaster was cranking out new products at an incredible rate...and marketing them on his radio station. He even bought the Cincinnati Reds in 1934 and, of course, broadcast their games on WLW. Profits went through the roof!

Strangely enough, the loss of the super-power status dampened Crosley's enthusiasm in radio; and in 1939 he decided to remove himself from day to day operations at WLW so that he would have more time to concentrate on his first love...cars. But this time, it was a specific car...one of his own design...the Crosley. His devotion to the Crosley line of mini-cars was all-consuming; so much so that in 1943 he sold WLW to business partner AVCO. He pursued the auto venture until 1952 when (after three years of million dollar per year losses) he sold the auto plant and went into semi-retirement. Powel Crosley, Jr. died in 1961 at age 75.

This fascinating man was a bit of a mystery. He married four times. Many described him as cold and hard, but others spoke of him as kind and gentle. He was a shrewd businessman and surrounded himself with competent associates. In a way he was a genius; in another sense an oddball. He had a reputation of being a frugal employer (the WLW staff roster was somewhat of a revolving door), and yet he would spend millions on ideas thought by many to be totally unrealistic. His entry into the broadcasting field was a quirk, and the business was never the apple of his eye. He had an insatiable thirst for power, and was thought by many to be an extreme egotist. [I can't help but feel that this man was the Ted Turner of the early days of radio!]

AVCO, WLW's new owner, picked up where Crosley left off; and went on with innovation upon innovation in both technical and programming areas. The company first dabbled with television in 1939, and developed and sold tv receivers under the Crosley name until the early 1950s. Serious involvement with television began in 1946 when W8XCT (experimental) was on the air for an hour a day. Operation expanded to 20 hours a week in 1947, and the company was granted a commercial license for WLW channel 5 in 1948. That's where we'll pick up the story next month.

Readers' Reports and Stereo Happenings

W. R. McIntosh came through with the news I was waiting to hear—that KKL 99.5 Los Angeles retains stereo! This is great news for DXers, since that red light will be blazing as KKL helps fatten your logs. The station mainly has "one religious talk program after another," says Mc. "Problem is I can't stand listening to them." But later that evening, Mc reported: "Yes, they have music—a beautiful program of spirituals tonight." While music may be endangered on 99.5, let's hope the species does not entirely disappear, so that the station has a reason for keeping that beautiful stereo light on people's receivers.

Steven West corrects on the nonIDs (misIDs?) of WMYJ 106.5 Pocomoke City MD and WKRE 107.5 Exmore VA. They're MY 106 and MY 107. "Maybe I heard it wrong but it sounded like Y106 and Y107. The narrow filters may have caused the mistake through distortion of the audio." [Filters that degrade the audio—horror!] He said WJBF-FM 103.9 Jenkintown PA is being sold, and I just heard from Jerad Broadcasting near NYC (WDRE 92.7) that they are buying it subject to FCC approval. This is causing all the ethnic broadcasters to panic and head for the SCS hills. If you're local area fan of WJBF-FM's ethnic programs, better get yourselves an SCS unit!

Mike Hawk reports that KIWR "89.7 Council Bluffs will continue to be a DX target through the end of the year. The college has granted them more time to get their financial act together." In response, KIWR has had many fund raisers. . . Even their bumper stickers cost \$5 each! There was a good response from the public, so IWCC gave them an extra six months." Mike notes that KRGR Albert Lea MN has not yet moved to 94.9, still 95.3, but KNOD Harten IA has migrated from 105.5 to 105.3 and added the exciting dimension of stereo to its emissions. "All of us on the 'Big O' Team (NRC DX '92) thank you for your mentions of the convention in your section in VUD. . . Even though there was a last minute change of sites from the Quad Cities to Omaha (the original host had to resign from hosting it), we hope for a good turnout. The half price airline tickets helped boost support."

A buyer of my "FM Atlas," Chris Cuomo, notes "a diminutive station on 90.5 KGNR (in quotes) with .1 watt at 30 meters in Englewood CO. Is this station licensed? My guess is that it is an unlicensed 'Part 15' station that assigned itself its own call (thus the quotes). . . I have a Ramsey FM-10 stereo .1 watt transmitter for 88.7 mhz [in Verona PA] which I will use once I get some programming material in line. . . Is the experimental KA2XXZ Columbia FL still on the air? I have heard that KA2XXZ is off the air, incidentally." [Perhaps DXers in north FL can check to see if KA2XXZ is on or not.]

Bill Cheek, Commtronics Engineering, sends a press release about an RS-232 interface to control scanners, such as the Radio Shack Pro-2006. If you can tolerate FM DXing on that unit (I can't!), then you might be able to benefit from his interface. It's a \$169.95 + \$5 shipping item, so you might want to write PO Box 262478, San Diego CA 92196-2478 for his fliers.

AL FM changes are the subject of a letter from Madison C. Brumbach, who mentions the new WLB 98.7 Warrior AL, serving Jasper, and nearby WFFN 95.3, having been on 92.9, while many AM stations in his area are having financial troubles. "Some AM stations just ought to close up shop" because all they are doing is duplicating FM. "Some AMs are needed though because of news, but news can be transferred to FM or can be watched on TV anyway."

Douglas E. Smith says WNOX 99.1 Loudon and WJFC-FM 99.3 Jefferson City are paralleling each other (although M Street Journal says "m"), with billboards in Knoxville promoting as Double 99 FM with exact frequencies given. "I think this solves someone's UNID of a month or two ago [in the VUD]." TN's WAYA 93.9 is the only secular "Way" station Doug's ever heard, and W291AA 106.1 Knoxville is on the air, as is a WXST 105.3 Loudon translator in Knoxville on 96.7.

Don L. Moody corrected an erroneous call letters listing for Little Rock that was in the VUD a couple months ago. "Whoever gave you the information on the 89.1 and 90.5 call letter change gave you the wrong information. I support both KUAR and KLRE. Each year both stations have a fund raising festival. . . I receive the KUAR and KLRE program guide. . . Nothing has been mentioned in any of the guides about any call letter changes. I listened to both stations [recently] and found the 89.1 frequency using the KUAR call letters and the 90.5 frequency using the KLRE call letters. . . I like the larger print listing of formats at the back of the book better than the ones on page 8." [The 13th edition had the larger print formats at the back. About KUAR-KLRE, I wonder if they jointly publish the same program guide?] Don goes on to mention two AR stations which are silent: KSNE 104.3 Marshall, its FM translators and AM affiliate are "no longer on the air. . . Marshall is a small, poor town in the Ozark Mountains of north AR. Population 1318." And KLRA-FM 96.5 (and AM) England is still off the air.

When I DXed WWIS-FM 99.7 Black River Falls WI earlier this summer, they wrote back and sent a copy of a letter Greg Coniglio sent them, reporting reception in Williamsville NY. It seems FM stations remember WTFDAers!

Ken Onyschuk said WVVX 103.1 Highland Park IL "still dominates with ethnic format," and probably does its dominating because of being monophonic, and sticking out like a sore toe to DXers. "An early June article locally suggested WWHN AM Joliet bought WTAS 102.3 Crete, but I called WCGO AM/WTAS FM and Steve Penn told me WWHN was only leasing the time on WTAS." Ken got the letter to me with a 2¢ stamp on it, marked "1st Class Mail, Ref. 1789 U.S."

FCC-FM

Statutes at Large." Now, Ken, you shouldn't cheat the postal service like that!

Somebody sent a NY Times article July 5 on architecture-radio towers as art! It pictures several of them without identifying the broadcasters involved, as "upstart," "lioness," "triplets," "dream," and "lion."

FM filters' king Bill Nienajedly sent diagrams on how to install filters in parallel. "Bruce, I really think if you start producing Tim McVey's five filter IF amp board circuit (see Nov. 1990 VUD), you will get quite a bit of sales! You could produce boards for \$12 each and sell them for \$20 less filters. Give it a try." I'm not trying to look for ways to get more involved in getting money out of DXers, but I will save Bill's information for possible later use.

Tom Bryant "thought you'd get a bang out of the enclosed clipping. Of course, they meant AM 850, but that got lost somewhere in the process. . . Since the date

Music From The Past
WSP
Exclusively On...
WSP
FM-65.0
Listen Tuesdays, 8 PM to 10 PM

MUST BE SOMETHING WRONG
WITH MY FM TUNER. I TRIED
EVERY TRICK IN THE BOOK
BUT COULDN'T FIND 65.0!

for the convention has been changed to September, there is a good chance that I may be able to make it after all. . . The W4XA station was NOT a WLAC effort, but was owned by the National Life and Accident Insurance Co. (owner of WSM), Execs at the Insurance Company were concerned that WSM was not airing enough classical music and cultural programming; and the upshot was the shortwave transmitter which was on the air for about five years. Regarding your reference to it as an 'Apex' station; I don't know. I had never heard that term before. W4XA (noncommercial and experimental) gave way to W47NV, the city's first (and I believe the region's first) commercial FM station late in 1941. Interestingly enough, the original transmitting antenna for W47NV remains mounted atop the WSM AM tower. That operation continued until 1950, and was discontinued at about the same time WSM-TV (4) began operation.

"The present WSM-FM (95.5) originally began operation as WLWM FM. The low-power facility was put on the air by Mr. Webber Parish, purchased by WSM in 1967 (simulcasting AM programming for about a year) and upgraded to 100 kw with separate programming in late 1968. Well, what was supposed to be a minor correction in ownership turned into a station profile. I know you're a stickler for accuracy, thus the correction plus the additional info." [I believe the calls for W47NV changed to WSM-FM by 1948. My Summer '49 "White's Radio Log" lists WSM-FM as being on 103.3-b.e.]

"Thanks for the recommendation of the Worldwide TV-FM DX Association that you made in FM Atlas," writes Paul Kohanski. "In the April Digest I noted a listing that WCPN's [Cleveland 90.3] subcarrier was silent. Since I had not checked it recently, and found it without a program one evening, I assumed that the service for the blind had ended due to the massive

Recoton FM 200 a Good Phasing Instrument?

September, 1992

budget cuts taking place in Ohio. I am happy to report, however, that the 67 kHz is fully active with programs for the blind. Recently I purchased a Recoton FM 200. It is amplified and also has a tunable stage that makes it a great indoor antenna. I have used it for tuning into 89.9 from Windsor, the CBCClassical service [CBE-FM]. A Kent OH station on 89.7 was wiping out the Canadian station on most days. The tunable stage of the FM 200 enables me to detune most of the splatter from 89.7 and the gain stage then allows me to boost the Canadian. Reception is mostly mono on my Pioneer receiver, but I am thrilled with the results. I enjoy your column in the Digest."

KFAV 99.9 Warrenton MO is stereo, Walt Breville reports. It IDs at about :55 as "KFAV Warrenton, St. Charles, St. Peters," and does so "real quick and soft" so DXers hardly notice it. "Warrenton is a rural town, population 3300, definitely beyond the St. Louis suburbs on I-70. St. Charles and St. Peters are in very fast-growing populated areas" just NW of St. Louis. Disregard the format change, below, for KATZ-FM 100.3 going all jazz. It is still sj, "all jazz, but of the soul variety, not big band." Also off the air: WXJO 95.5 Bethalto IL, while KSLH "91.5 is the only station Walt hears which lacks stereo. It's more tj than tm, playing Stan Freberg '50s novelty pop stuff as well as old big band jazz."

"W232AL Pomona NY, 94.3 translator owned/operated by WNEFM chief engineer Gerry Turro, is now spewing horribly distorted copies of WFDD and WNYU 89.1 on a 24 hour a day basis," reports Karl Zuk. "The carrier seems clean, but the modulation is way over-deviated and the stereo subcarriers are just filled with garbage—totally unlistenable!" [Do let me know if this is a "permanent" change in primaries for W232AL—I list it as being a translator for WBAB 102.3 Babylon NY.] "Please don't give up your newsletter! You are irreplaceable—and a great void would remain if you left. Please reconsider!" Karl exhorts. "All the best."

I'll try to have more about my plans regarding this column and the newsletter next month, but [you can] expect one will go. Now search a little farther, fellow DXers, for the feature "See Also," culled from August's DX-filled digest.

New FM Station, Translator Grants

All translators have less than 100 watts unless indicated otherwise

AL Selma W232AN "94.3 (WMBV 91.9 Dixona Mills)
AZ Bullhead City KEDG-1 103.5 48-w booster of Las Vegas station on
AZ Cane Springs X292ES 106.3 (KRCC 106.9 Kingman)
AZ Williams 96.7 1000 h.v.; 245 m, Jana Tucker
AR Wickes K232CS 94.3 (KENA-FM 101.7 Mensa), 100 h, 99 v
CA Berkeley KBLX-FM 102.9 99-w booster of Berkeley station
CA Fort Bragg K265DB 100.9 (KUKI-FM 101.3 Ukiah), 250 w
CA Thousand Palms 84.7 510 h.v.; 177 m
CO Grand Junction 104.3 100000 h.v.; 395 m
FL Key West W210AS "88.9 (WLRN-FM 91.3 Miami), 240 h
FL Perry W265AB "100.7 (WOLR 91.3 Lake City)
GA Dahlonega 104.3 3000 h.v.; 51 m, K. C. Croon
IL Rockford W269AB "105.7 (WNH 90.5 Rockford)
IN Austin 92.7 3000 h.v.; 100 m, Austin Radio
IA Vinton 107.1 6000 h.v.; 100 m, K. C. Roato
KY Hazard W244AU 96.7 (WZQD 92.3 Hyden), 250 w
MI Manistee WXQY 107.8 3000 h.v.; 61 m
MS Hattiesburg W207AU "89.3 (WMAH-FM 90.3 Biloxi), 250 w
MO Springfield "89.3 12000 h.v.; 100 m, g. Low Smith Ministries
NE Omaha KKKT-1 103.7 11900-w booster of Atlantic IA station
NE Sidney K282BJ 93.5 (KCHM 96.9 Terrytown)
NM Carlsbad 106.1 50000 h.v.; 150 m, Kalos Esap.
NM Truth or Consequences K216CK "91.1 (KLYT 88.3 Albuquerque)
NY Essex (SW Burlington VT, N. Westport NY) 101.3 450 h.v.; 245 m

NY Westport (Vergennes VT) 102.5 6000 h.v.; 9 m, W. Bestg.
 PA Erie W2PR-1 100.3 23-w booster/
 TX El Paso "91.1 250 h.v.; 340 m, \$1000, Spanish, g, World Radio Network
 TX San Augustine 92.5 150 watch h.v.; 42 m, S.A. Cable TV [104.7 Montpellier]
 VT Montpelier W26AA 100.3 (WNCN 104.7)
 WI Adams 106.1 8000 h.v.; 100 m, Roche-a-Cri Bstg. (num Communications)
 WI Portage 95.9 6000 h.v.; 100 m, Mag-

Call Letters Assigned or Changed

AZ Marana 98.3 KOHT (KXMG), Spanish, urban (S, L), "Hot 98" (from "Sonido Magica")
 AZ Phoenix 101.5 KZON (KMX), p
 AR Dermott 103.1 KXSA "FM" (KXSA-FM)
 AR Jacksonville 100.3 KOKK (KEZQ), k, "K-Duck"; switching with Sheridan
 AR Sheridan 102.9 KEZQ (KXIX), m, an LMA
 AR White Hall 104.5 KWDA
 CA Gualala 100.5 KWAN
 CA Magalia 88.3 KWXP
 CA San City 92.9 KWXH
 CO Durango 99.7 KWXK
 FL Atlantic Beach 104.5 WFFV "FM" (WFFV-FM); AM in Jacksonville gets new calls
 FL Daytona Beach 94.5 WCFB (WWLV)
 CA Smithville 106.5 WCAA
 IN Elwood 101.7 WIVM (WEWZ), "Mix 101.7"
 IN Mount Vernon 106.7 WBLZ, r, "B-106.7"
 IN South Bend 106.3 WUBU (WUMX)
 KS Olathe 95.7 KZTO (KJHM)
 KS Winfield 95.9 KKKW
 KY Hardinsburg 104.3 WXCBC
 KY Paris 96.9 WGSX (WVOC-FM), "Kiss 96.9"
 MD Grand Rapids 93.7 WBCF (WJFM), k, "B-93"
 MD WFGF (WJXJ), s, c
 MI McLain 96.9 WXA8
 MO Ashby 103.5 KXWQ
 MO Columbia 102.3 KXND
 NH Hanover "91.3 WEVH (WVVS)
 NM Texico 96.5 KWXN
 NY Conklin 100.5 WJXE
 NY Port Jervis "88.9 WRPJ
 NY Warsaw "88.3 WCOU
 NY Watertown "88.5 WSLJ
 ND Arthur 96.7 KCDV
 OH Columbus 99.7 WBZX (WMMG), "The Blitz"
 OH Geneva 104.9 WKYK (WDOH), Kcountry
 OK Byng 100.1 KYKC (KZOB)
 TN Benton 93.1 WBN-FM
 TN Cookeville "90.9 WVOG
 TX Floydada 95.3 KFLL (KAP-FM), g
 TX Lamesa 104.7 KMMX (KLSC), m, "Mix 104.7"
 UT Tremonton 105.1 KGSC (KXQ)
 VA Emory "90.7 WEHC
 WA Tacoma 103.7 KMTT-FM (KMTT), still "The Mountain," to 57000 h.v.; 714 m, d-a
 WA Yskima "90.3 KNWY
 WI Bloomer 95.1 WDRB (WPHQ), s, c, "B-95" (strict), ID with Eau Claire-Chippewa Falls
 WI Peshigo 96.1 WJMR (WVHY)
 WI Sparta 97.1 WCOV-FM (WCOV-FM; AM gets new calls), k (AM goes traditional k)

Facilities Changes Granted

AL Fort Rucker WXUS 100.5 2800 h.v.; 145 m
 AL Orrville (from Marion) WJAM 97.3 (from 97.5) 3700 h.v.; 128 m [m, C3]
 AZ Colorado Springs KCCA 107.1 6100 h.v.; 100
 AR Jonesboro KASU "91.9 281-d-a (100000)
 AR Russellville KJCU 100.9 100 m (6000 h.v.)
 CA Crescent City KCRE-FM 94.3 6000 h.v.
 CA Davis KQBR 104.3 3000 h.v.; 141 m
 CA Fremont KOHL "89.3 150 h.v.; 124 m, adds vertical, non d-a [m, 81]
 CA Greensboro KAXL "86.3 21100 h.v.; 100
 CA Twenty-nine Palms KQYN 95.7 20000 h.v.; 230 m [h, 5800 v (100 m)
 DE Milford WAFB 97.7 6000/ (m)
 FL Green Cove Springs WJBT 92.7 6000 h.v. (100/

FL Solana WMMY 104.9 (from 105.3)
 GA Americus WISK-FM 98.7 (from 97.7) 25000 h.v.; 92 m, C3
 IL Quincy WQOC "90.3 10000 h.v.; 127 m
 KS Minneapolis KILS 92.7 6000 h.v.; 150 m, C2
 KY Liberty WKDO-FM 98.7 25000 h.v. (73 m)
 KY Louisville WTFX 100.5 30900 h.v.; 190 m
 MI Grayling WDOH 100.3 50000 h.v.; 113 m, now o, SMN Kool [h, v (100 m)
 MN Crosby KTCF 101.5 (from 101.7) 25000/ HNS Cleveland WCLD-FM 103.9 6000 h.v. (91 m)
 MS Ebenezer WZBR 103.9 6000 h.v. (190 m)
 MO Birch Tree KBMV-FM 107.1 16200 h.v. (124 m), C3
 MT Boreman (new) 99.9 100000 h.v.; 100 m
 NV Reno KNEV 95.5 695 m 159000 h.v.
 NH Belmont WCNH 93.3 460 h.v.; 272 m
 NJ Belvidere WJNS-FM "88.1 2 watts h, 85 watts v, 115 m

NM Potosi KSEL-FM 95.3 6000 h.v. (91 m)
 NM Silver City KSCD 94.5 570 h.v.; 313 m
 OH Archbold WBCY "89.5 20000 h.v.; 100 m, B1
 OH Banks KDBX 107.5 list as commercial, now "Spirit 107.5" (from "K Love")
 PA Jenkintown WJBF-FM 103.9 305 m
 PA Philadelphia WXPW "88.5 2900 h (280 m)
 PA Schnecksville WXLV "80.3 420 h.v.; 70 m
 RI Narragansett Pier WPJB 102.7 5000 h.v. (100 m) [106.9 68200 h.v.; 299 m, C1
 SC Bluffton WLOW/ [281 m, C3
 TN Crossville WEGE 102.5 3200 h.v.
 TN Jefferson City WJFC-FM 99.3 1400 h.v.
 TN Knoxville W24AT 96.7 with WXST 105.3
 London (from W252A) 98.3 as a WLIQ 92.7
 Harriman repeater
 WEMO 104.5 2800 h.v.; 148 m, parallel to WQBB 104.0, "Nostalgia D-104"
 TN Lenoir WIST 94.5 21000 h.v.; 231 m
 TN Loudon WNDX 99.1 6000 h.v. (100 m), b
 TN McMinnville WTRZ 103.9 5300 h.v. (40 m)
 TN Oliver Springs WXYO 98.7 6000 h.v. (100 m)
 TX Bay City KXGJ 101.7 (from 98.1)
 TX Beaville KIRL-FM 105.7 (from 104.9) 25000 h.v.; 100 m, C3
 TX Belton KQOC 106.3 11500 h.v. (149 m), C3
 TX Clarksville KCBZ 98.5 6000 h.v. (100 m)
 TX Rusk KWRW 97.7 14500 h.v. (128 m), C3
 UT Coalville KCUA "92.5 110 h.v.; 323 m
 VT Derby Center WMOO 92.1 22400 h.v., d-a (189 m)
 VA Waynesboro WFOA "90.1 300 m (2500 h.v.)
 WV Moundsville WRKP 96.5 1460 h.v. (181 m)
 WV Shepherdstown WSHC "89.7 (from 93.7), 950 h.v.; 3 m, Class A
 WI Menomonie WHWC "88.3 95000 h.v. (320 m)
 WI Racine WHKO 92.1 2700 h.v.; 151 m
 WI Spencer WOSX 92.3 (having moved from 92.1), now "Oldies 92" (not strict)
 ON Toronto CTRV "88.7 was heard on 88.9 for a one week test, but back on 88.7. They wanted to get away from WBFJ (Buffalo NY) interference, I bet."

Stereo—Or to be Stereo

AR Russellville KJCU 100.9, k, LMA with KXIX 103.9 Fayetteville
 CA Aubrey KSLK 105.1, b, "Silk FM"
 CA Kingsburg KJET 106.3, r, "K-Love," relaying KLVN "91.9 Santa Rosa
 GA Laesburg WEGC 103.7
 GA Thomaston WTGA-FM 95.3, "T-95"
 IL Champagne WIKY 100.3
 IL Chicago WLS-FM 94.7, "Definitely stereo. They have music segments in stereo, plus the people calling in are on different channels."
 IN West Lafayette WGLM 106.7
 KS Augusta KLLS 104.5
 ME Bar Harbor WLKE 99.1, k, "Lucky 99," ID with Ellsworth
 MN Ely WELY-FM 92.1, rm, 24 hours, uses calls NH Hampton W2EA 102.1
 NY Sag Harbor WLNK-FM 92.1, finally embraces stereo, according to VUD; still c, but "oldies still far outnumber the current hits"

OR Gold Beach KGBR 92.7
 WI Tamar WBOG 96.1

MS Kosciuszko WTA "91.7

Format Changes

Formats are the same as in the "FM Atlas"
 AL Chickasaw WDLT 98.3 m
 AL Prattville WKFX 95.1 m
 AR Forrest City KBFC 93.5 k
 AR Lowell KISK 101.9, "Kiss 102," LMA with KXIX 103.9 Fayetteville
 CA Chowchilla KXDA 93.3 gr, to rebroadcast KLVN "91.9 Santa Rosa (with Kingsburg)
 CA Oxnard KXLM 102.9 Spanish, l
 CA South Lake Tahoe KGLE-FM 102.9 r, CHR
 CA Victorville KVVQ-FM 103.1 m
 CA Visalia KGYU 96.1 to be b, "Will start construction when KSLK [105.1 Aubrey] gets settled in."

CO Fountain KBDI 96.1 gr, looking for ad sales people at 1465 Kelly Johnson Blvd., Ste. 202, Colorado Springs CO 80920. EOE.

CT Hartford WZMR 93.7 m, \$
 CT Litchfield WZBB 97.3 m, \$
 CT New Britain WRCH 100.5 m
 GA Carrollton WBTR 92.1 k
 GA Dublin WKXZ 92.7 r [6 a.m.
 GA Rome WOTU 102.3 r, also oldies 6 p.m.-11
 IL Alton KATZ-FM 100.3, "Jazz 100" (from "2-100.3") [try, "WIKK Stereo?"]
 IL Newton WIKK 103.5 k, "AC and coun-1"
 IL Normal WIMM 96.7 o [7-7:30
 IN Mount Vernon WBLZ 106.7 r, "B-106.7"
 IA Eldora KDAO-FM 99.5 m, AM simulcast
 IA Bostrop KRIV 100.1 o, "The River 100.1"
 LA Larose KLRZ 100.3 r
 LA New Iberia KDEA 98.5, 1 m
 LA Springhill KTKC 92.7 m
 MD Fagerburg WOMR 107.1 o
 MD Frederick WFRF 99.9 m
 MD Pocomoke City WMYJ 106.5 m, \$
 MA Springfield WHYV-FM 93.1 m
 MA Worcester WAFA 107.3 pr, "hard rock"
 MI Oscoda WOLS 100.7 m
 MI Zealand WJOK 99.3 gr, to 5100 h.v. (113 m)
 MN Moorhead KCCD "90.3 m, mono
 MN St. James KKAC 100.5 to be k
 MN Winona KAL 92.5 cr
 MS Ebiaville WJXK "89.5 gr, back on air
 MO Cassville KRLK 100.1 m, \$
 MO Fulton KKCA 100.5 o
 MO Kansas City KBED 104.3 rs
 MO Richmond KAYX 92.5 k
 NJ Vineland WVLV 92.1 r, still "92 First"

NY Attleboro WJFK 101.7 k
 NY Cobleskill WSHQ 103.5 r, "Music 103" (from "Sho 103")
 NY Malone WVMV 96.5 k, \$?
 NY New York WKLP 95.9 r: "They still air American Top 40 but cut out or cut down rep sounds on AT-40! I'm sure the syndicator of AT-40 is not thrilled over this. Cutting out parts of AT-40 sure leads some to believe WPLJ is racist..."
 ND Williston KDSR 101.1 k
 OR Welton WKOV-FM 96.7 m [Enid
 OR Alsea KXLS 99.7 m, SMN, but studios are in
 OR North Bend KACW 107.3 m, "Starstation" format, s, "Clear 107 FM"
 PA Ridgebury WMOB 103.1 o
 PA Ridgebury WKRB 88.9 m, parallel to WEHH
 MA 1580 Elmira Heights NY
 PA Russell WRLP 101.3 r, "Rock 103.1"
 PA York WOKA-FM 105.7 r, "Hot 105.7"
 SC Goose Creek WJUM-FM 94.3 r, "Fly 94" (from "Easy 94"; enters LMA with WSSX 95.1 Charleston SC)
 SD Reliance KPLO-FM 94.5 still k, but entering LMA with KGFY AM Pierre SD
 TN Greenville WKDQ 94.9 o, "or me"
 TN Humboldt WZDQ 102.3 r, still "D-102"
 TN Rockwood WDFE-FM 105.7 k, \$
 TN Seymour WJBT 96.3 "kinds" pk

TX Brownsville KRGV 99.5 m
 TX Carthage KGAS-FM 104.3 k
 TX Corpus Christi KBSO 94.7 S, k [Tejano]
 TX El Paso KAMZ 93.1 m
 TX Hamilton KQDZ 103.7 m, back on air
 TX Laredo KQVE 94.9 k
 TX Victoria KAMV 92.3 m
 UT Salt Lake City KALL-FM 94.1 still o, now in LMA with KKAAT 101.9 Ogden
 WA Chelan KQZI-FM 93.5 m
 WA Ellensburg KNWR "80.7 cr
 WV Lost Creek WOTR 96.3 k, "New k, 1/2 60s oldies, k big band." Gus, is it stereo?
 WI New London W022 93.5 o, "classic rock and roll", "Z-93" (not strict); ID with "Fox Cities" Green Bay
 WI Verona WMMW-FM 105.5 o
 WI Jackson KZJH 95.3 r, "KZ-95"
 ON Seault Ste. Marie CHAS 105.5 r, "Mix 100.5"

See Also August VUD For

AL Capshaw (serving Huntsville) calls are W251-AL 98.1, Pugh, p. 31 [18, 19
 AZ Phoenix KNAI "88.3 is it stereo? Hawk, pp. 1
 AR Fort Smith KMA9 99.1 K-Mag, Hawk, p. 18
 AR Yellowville KCTT-FM 97.7 I still need to know if s, Stampick, p. 34 [100, p. 37
 CA Groveland KXSR "91.7 is it stereo? Jaffer/
 CO Brush KSKT 107.1 k, Pugh, p. 30
 CO Eagle K240C 96.7 is the "Edwards"
 Connecticut referred to by Allen, p. 30
 KMDT 101.5 r, Strobel, p. 23
 CO Glenwood Springs KMTS 99.1 still on 92.7, Allen, p. 29
 CT Enfield WPXK 97.9 Kix 97.9, Fela, p. 20
 DE Lanes WJXN 105.9 Kicks 105; has s, Shafan, p. 25
 FL La Belle WKZY 92.5, still on 92.1, with "Tinsy outy" Combs, p. 36; probably will have improved audio and be back in stereo when it moves to the new frequency
 FL Lehigh Valley WLMs "88.1 Stereo? Dunna, p. 32
 FL Tallahassee WRKZ 106.1 is it stereo? Combs, p. 37
 FL Daytona WUPJ 103.7 The 80s/don't "The/I
 IL Alton WZMK 107.9 pr, \$, Strobel, p. 23
 IN West Lafayette WGLM 106.7, adds Lafayette-Monticello ID, Strobel, p. 23; is stereo
 IA Winterset 99.5 is KBMM; KBMM calls remain on 98.3 in Broken Bow NE, Hawk, p. 19
 KS Goodland KGCN 107.7 gr, Falconer, p. 22
 KS Hiawatha KJTH "91.1 is it stereo? Hawk, p. 20
 KY Scottsville WVLV 99.3 still 3 kw; congrats on catch, Allen, p. 29! [But it's good to have the latest FM Atlas, however.]
 KY Williamstown WNKR 106.5 stereo, ID with D-Ryda, Strobel, p. 24
 LA Ruston KXKZ 107.5 Kicks Country, Hawk/
 MD Pocomoke City WMYJ 108.5 text should read: "106.5 WMYJ" next to its dot, p. 21
 FM Atlas-14; Mount, p. 25
 MI Gulliver WCMH 94.7 is it stereo? Pugh, p. 31
 MS Little Bena WYSD "91.7 is it stereo? Nordquist, p. 21
 MO Knob Noster KKKX 105.7 Kicks Country, Hawk, having moved from 106.5, Hawk, p. 19
 MO West Plains KSPD 93.5 Q-94, Chernica, p. 14
 NE Kearney KKNY 102.3 r, 102 (from "Q-102"), Hawk, p. 18
 NY Monticello WSUL 98.3 m, "Lite Rock 98.3," Stampick, p. 34 [man p. 15
 NY Oswego WNYO "88.9 S, pr, Nio- [p. 19
 NC Nagshead WNHV 92.5 Caroline 92, Hawk/
 ND Jamestown KODJ 96.5 K 95% Country (from "J Country"), Nordquist, p. 21
 ND Minot KHHT 97.1 K-Hot (from "K-97"), Pugh, p. 31
 OH Portsmouth WOPH "88.3 S, Strobel, p. 23
 OH South Webster WZIQ 94.9 1-95 (from "Z-94"), Strobel, p. 23
 OK Ada KTLB 93.3 r, Hayes, p. 16
 OK Oklahoma City KOCC "88.9 K-Rock 89, Hawk, p. 18

OK Woodward KMZE 92.1 Z-82, Hawk, p. 18
 PA Butler WLER 97.7 m, Ross, p. 13
 PA Harrisburg is location of WRVV 97.3 The River, Stampick, p. 34
 SC Columbia WDMG-FM 103.1 o, "Oldies 103" (from "Magic 103.1"), Hawk, p. 18
 SD Madison KJAM-FM 103.1 K-Jam, Pugh, p. 31
 SD Rapid City KIQK 104.1 Kick 104; is it Stereo? Pugh, p. 30 [p. 18
 SD Sioux Falls KELD-FM 92.5 Lite 92.5, Hawk/
 SD Vermillion KVHT 103.3 Hot 103; some typos there, Pugh, p. 31
 TN Lawrenceburg 105.3 calls should be W257AA [not "W237AA"], Pugh, p. 31
 TX Bryan KKYV 104.7 104.7 KYS FM, Hall, p. 17
 TX Dalhart KXIT-FM 95.9 still mono, Strobel, p. 23
 TX Fort Worth KLTU 94.1 FM, 67, Ebeling/
 TX Lamesa K10L 100.3 o, Coniglio, p. 28
 TX Macia KYCK 104.9 Kicks FM, Coniglio, p. 23
 TX Pasadena KJIC "88.1 still mono, Strobel, p. 23
 TX Post KPOS-FM 107.3 Stereo, Nieman, p. 16
 TX San Antonio KSRK 92.9 r, Strobel, p. 24
 TX Victoria K269C "101.7 has KSBJ 89.3 Humble on it (from KZFX 107.5 Lake Jackson), Ebeling, p. 27 [p. 25
 VA Windsor WBSK-FM 107.7 still mono? Mount/
 WV Charles Town WYVA-FM 98.3 k, Hawk, p. 19
 PR VI missing from by-frequency lists, FM Atlas (Cooper, p. 12): True "we don't OX govern-ments," but if included those places! should also include Cuba, Haiti, DR, etc., which are closer to the mainland than HI, I stick to states, even though HI and AK defy geographical realities. Sorry, Ernie!
 MB Winnipeg CHIO 94.3 Chic FM (from "Q-94"), Nordquist, p. 21
 ON Niagara Falls CFLZ "91.9 1, mono, info, estimated power 100 v, Coniglio, p. 28, "C Falls"
 SK Regina CKIT 104.9 m, "Magic 104 FM" (from "K-105"), Pugh, p. 30
 CE Ciudad del Carmen XHCCM 88.9, \$, new, Pugh, assumed l, p. 30
 YU Merida XHMT 98.3 l, \$, Pugh, p. 30

On Air (Selected)

GA Atlanta WRFQ "89.3, but at low power; was off for about a week the first of July after transmitter hit by lightning
 MN Bemidji K234AA "94.7
 NY Brooklyn ama—"WFMN" adies, \$, now 91.9, not 96.1 m before. Gave same Brooklyn phone number shown in March FM Atlas and played jingle which sounded like they came from a "real" station on the same call letters. Also on 91.9 a Japanese-language station, with frequent mentions of "NHK" and seeming to come from the New Jersey shore area. It is not "WJCR" Jamaica, Long Island. "At 1 p.m. they have news in English from Radio Japan in Tokyo, otherwise it's all Japanese. They seem to carry Japan/NHK's programs 24 hours a day."
 PA Reading W249AT "97.7 now with 10 watts, non d-a, \$4,000 project, and it works great." [in (100000 h.v.)
 WI Suring WVRM 102.7 now with 299/

Off Air—Or Not Yet On

DE Dover WRTX "91.7. Waiting for the tower "which we will rent" to be built. "Our new target date is Oct. 1, 1992."
 DE Sayreville WBSL 97.9
 GA Blakey WDKZ 93.1 and AM
 ME Fairfield WEZO 93.5. Last is tower site, but searching for a new site.
 ME Harswell WMSJ "91.9 power increase to 8 kw "buys them time to change location. They still have no money. Several people have tried to buy their permit but they won't sell."

Stubborn people, who someone described as a religious group "so heavenly minded that they are no earthly good."
 MD Cambridge WFER 94.3, with WICO-FM Salisbury still not moved to 97.5.
 MD Crisfield WLSL 96.9
 MD Ocean Pines WXJO 97.1, "no place close to being built (limited space for tower and no zoning passed)."
 MA Herwich WCET "80.3, but WBUR "80.9 Boston is buying it a low transmitter. In exchange, WBUR is guaranteed a minimum of air time for relay of its programs—4 a.m. to 10 a.m. and 4 p.m. to 8 p.m. M-F, Sat. 5 a.m. to noon; Sunday 5 to 11 a.m. "Whatever additional hours student programmers cannot fill will be used to relay additional portions of the WBUR schedule. In the summer that will mean a "round the clock" relay. A sensible arrangement for both parties. New equipment for the college station, coverage of a vacation area that WBUR cannot reach (which is underserved by public radio)."
 MI Ironwood W265A "100.9
 NJ Wildwood Crest WBOO 93.1, "CP was just sold so that may come to life soon."
 ND Wahpeton KGW 106.9 (still on 107.1)
 OR Agate Beach K219B "91.7
 OR Gleneden Beach KSHL 97.5
 OR Lincoln City KNJM 95.1
 OR Newport KCLM 92.7
 OR Eugene KWVA "88.1
 TX Alice KBIC 102.9, still on 102.3
 TX Bloomington Victoria KVMK 106.9
 TX Caldwell KHEM 95.1
 TX Cameron KCRM 103.9, still on 103.1
 TX Corpus Christi KSCB 94.7
 TX Franklin KPOX 101.9
 TX Gliddens KKO 101.5, still on 101.7
 TX Gregory-Corpus Christi KZDA 104.5
 TX Huntsville KCEY 99.7
 TX Jasper KWKY 102.7, still on 102.3
 TX Mission KVTY 105.5
 TX Refugio K2TX "not on 106.3 or 106.1"
 TX Victoria KHFF "88.5
 WI Mayville WVMH 98.7
 WI Spooner WYMC 106.3

Deletions

CA Yucaipa K252AN 98.3
 MI Ironwood W275AD 103.1
 OR Eugene K288ED 105.5; was once licensed; no longer on air [KLCQ "90.5
 OR Newport K205BF "88.8, replaced by/ K292EQ 106.3
 PA Scranton W292CI "106.3. "This was never built and the CP must have expired, because it is no longer included in the FCC database. With our facility on 105.9, this channel would no longer be available close to Scranton."
 WI Rhinelander W228AW 93.5
 WI Tomahawk W252AM 98.3

SC Services, 67 and 92 kHz

Symbols are as in the "FM Atlas"
 AL Montgomery WLVI-FM 92.3 TC, 92 (adds WLVI AM 740 relay); retains TC, 67
 AL Phenix City WOSY 100.1 TX, 67; oldies! main carrier
 NJ Newark WBGD "88.3 the 92 kHz "WRMN" Radio Pinoy translation (July, p. 4, col. 2) should be "all day, all night" (not "all day, every day") and "just for us" (not "just for you"); 67 kHz is ICN, Italian Communication Network, An Italian broadcaster, soon to be displaced from WJBF-FM 103.9, Jenkintown PA, has called and expressed an interest in TV-SAP receiving equipment for an UHF channel in Philadelphia.

789y, Burey E.

TELEVISION NEWS

Doug Smith, Editor
14 Brookside Court
Nashville, TN 37209-4503
615-356-8305 CIS 72777-3143

ABBREVIATIONS USED IN THIS COLUMN:

ERP= Effective Radiated Power, in kW
HAAT=Height Above Average Terrain, in meters
AAT= Above Average Terrain
AG= Above Ground
ASL= Above Sea Level
nc= No change
TL= Transmitter Location
CP= Construction permit
MP= Modification permit (modification of construction permit)
*= Non-commercial
CRTC=Canadian Radio-TV Commission

APPLICATIONS FOR NEW STATIONS

St Ch ERP HAAT City
AR 24 171.68 117 Springdale; Total Life Community Educational Foundation
MS 24 25 187 Meridian; Central Television Inc.

APPLICATIONS DENIED/DISMISSED/ETC.

St Ch City
CA 11 Los Angeles; Rainbow Bcstg.
LA 11 Columbia; Caldwell Bcstg. L.P., Giles Television Inc., KTYE Inc., Love Bcstg. Co.
NV 15 Las Vegas; Lorraine Walker Arms

CONSTRUCTION PERMITS CANCELLED

St Ch Call City
NC 30 WEOU Wilson
NE 15 KPQC Omaha

CONSTRUCTION PERMITS GRANTED

St Ch ERP HAAT City
KY 44 1000 601 Harlan; Living Faith Ministries
LA 11 316 565 Columbia; Pears Bcstg. Inc.
WA 56*5000 571 Tacoma; Korean-American Missions
(this is a correction from last month; it was indeed 1872 feet)

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

St Ch ERP HAAT Call City
FL 61 5000 89 WFGC Palm Beach

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS (Cont'd.)

St Ch ERP HAAT Call City
LA 45 1670 159 KWLK Shreveport
NC 58 1570 422 WUNG-TV Concord
OK 62 100 139 KMNZ Oklahoma City

APPLICATIONS TO CHANGE EXISTING STATIONS

St Ch ERP HAAT Call City
AR 29 1410 nc KHOG-TV Fayetteville
OH 6 100 286 WSYX Columbus
(TL: 39°56'16"N, 83°01'16"W
Stimmel Road, 1.6km W of I-71)
(was 163m)
OH 42 525 373 WPBO-TV Portsmouth
(was 398kW/377m)

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

St Ch ERP HAAT Call City
GA 57 398 129 WATC Atlanta
SC 63 5000 343 WQHB Sumter

CHANGES GRANTED TO EXISTING STATIONS

St Ch ERP HAAT Call City
AL 25 1225 352 WHIQ Huntsville
(TL: 34°44'14"N, 86°31'46"W
(was 631kW/358m)
CA 22 832 877 KWHY-TV Los Angeles
(was 2570kW/889m)
ID 12 316 346 KUID-TV Moscow
(was 116kW/316m)
IN 30 832 216 WTU Bloomington
(was 200kW)
MD 36 240 199 WGPT Oakland
(was 24.9kW/218m)
MD 28 2179 157 WCPB Salisbury
(was 786kW)
MN 10 316 301 WDIO-TV Duluth
(was 308m)
MS 24 724 177 WTZH Meridian
(TL: 32°18'43"N, 88°41'33"W
US-45, 5.9km S of Meridian)
MT 3 10.42 31 KYUS-TV Miles City
(was 10.2kW/38m. Big change, huh?)
NC 25 1256 351 WUNK-TV Greenville
(was 631kW)
NJ 41 2340 421 WXTV Paterson
(TL: 40°44'54"N, 73°59'10"W
Moves from World Trade Center to Empire State Building. Was 3240kW/506m.)
OK 35 2761 256 KXON-TV Claremore
(TL: 36°24'5"N, 95°36'33"W
503m E of Dowala Rd., 9km N of Claremore. Was 70.15kW/144m)
OR 21 133 197 KTVZ Bend

CHANGES GRANTED TO EXISTING STATIONS (Cont'd.)

St Ch ERP HAAT Call City
TN 17 3266 354 WZTV Nashville
(was 2340kW)

CHANGES GRANTED TO EXISTING STATIONS

St Ch ERP HAAT Call City
TX 57 6000 585 KRTW Baytown
(TL: 29°17'56"N, 95°14'11"W
6.5km SE of corner of Springtown Road and Hwy. 35, 13km S of Alvin.)

CALL LETTERS ASSIGNED TO NEW STATIONS

St Ch Call City/Permittee
OH WXAE Toledo; Dominion Broadcasting
WA 56 KWDK Tacoma; Korean-American Missions
WV 59 WVGTV-TV Lewisburg; WVGTV Corp.

CALL LETTER CHANGES FOR EXISTING STATIONS

St Ch City Was Now
MI 41 Battle Creek WUHQ-TV WOTV
MI 8 Grand Rapids WOTV WOOD-TV
OK 35 Claremore KXON-TV KRSC-TV

The change of WSJU-18 San Juan, PR has been withdrawn; the station will remain WSJU.

NEW STATIONS ON THE AIR

Baxley, GA: WUBI 34z:
316kW, 200m AAT
TL 31°45'53"N, 82°13'38"W
4.7km S of GA-144, 11.6km E of Baxley, or about 65km WSW of Savannah.
Signon date unknown.
Independent.

Ellendale, ND: KJRE *19-:
405kW, 179m AAT
TL about 110km SW of Fargo, on ND/SD border south of Jamestown.
Signon date unknown.
PBS, satellite of KFME-13 Fargo.

Burlington, NJ: WGTW 48:
2340kW, 318m AAT
TL 40°02'36"N, 75°14'33"W
Somewhere in the Roxborough antenna farm, where Philadelphia's other stations are. Probably the old WKBS-48 facilities.
Noted with test pattern by Steve West on 8/12.
Independent.

Jellico, TN: WPMC 54-:
20kW, 395m AAT
TL 36°30'26"N, 84°02'36"W
Rich Mountain, 2.9km ENE of Habersham, about 35km N of Knoxville.
Signon date unknown.
Independent religious.

OTHER STUFF

Another call with Steve West, and comments he relays from Bill Nienajadly, indicate that the facilities given for WGTW-48 above are probably wrong, as the station is much weaker than the listed facilities would indicate. The above listings are the latest stuff I've got..

The WPBO-TV application is probably to cover for the new transmitter installed in June, as reported last month.

WHIQ-25's TL change is probably just correction of inaccurate coordinates: the description of their TL hasn't changed.

WZTV's change involves replacing an old transmitter with a new one with higher power.

The Meridian, MS new station application is mutually exclusive with existing WTZH-24 there.

I expect to see a lot more old CPs cancelled in the near future; as Bruce Elving and the National Radio Club have reported, the FCC has been cancelling dozens of unbuilt AM and FM CPs.

Frequent E-skip catch KKTO-2 has reportedly been sold to KGSW-14 in Albuquerque. My best guess is that KGSW-14 will go off & move its programming to channel 2; whether the KGSW calls will also be moved, I don't know.

In late July, the FCC prohibition on common ownership of cable systems and telephone companies was relaxed. Telephone companies are now allowed to transmit video as common carriers without having to obtain a municipal franchise. They will also be allowed to take up to 5% financial interest in the programming their systems carry.

Estimates are that NBC lost between \$50,000,000 and \$100,000,000 on the Olympics. Network executives claim the promotional boost for their regular schedule was worth it. The pay-per-view Tripecast appears to have been a flop, with the most optimistic estimates being 500,000 buyers, and the

least optimistic being well under 250,000. Triplecast operators had hoped to sell 2,000,000 subscriptions.

Semi-locally, QSI of Memphis claims to have been ready to demonstrate their system for simultaneous transmission of HDTV and NTSC on the same 6MHz channel. WREG-3, who was to carry the demo, denies involvement. Kinda makes one wonder if Elvis is involved...

An article in the August 10 issue of *Broadcasting* notes that the football games of the Buffalo Bills are carried on cable TV-- with permission for non-commercial WNEQ-23 to simulcast the games!

FORUM

Dave Sinclair, Vancouver BC:

Dave is still looking for comparative info about Channel Master & Winegard antennas; write him at 6565 Brooks St., Vancouver V5S 3J6.

He reports hearing over KTBW-20 that TBNS K60DS Rochester, MN and K57?? (can't find it in my database) Atwater, CA are now on.

Dave also reports that, to the best of his knowledge, KSKN-22 is still off.

Finally, he passes along some clippings about TBN's attempt to get started in Canada.

In the May 10-June 6 *Christian Info News*, it's reported that two Alberta TBN relay operators have filed suit in Edmonton, challenging Canada's 63-year-old policy of not licensing religious broadcasters. Russell Pearson charges that this policy "... violates the Religious Freedom provision of the Charter (of Rights and Freedoms) and the essence of the Constitution."

A January CRTC hearing in Edmonton turned out 800 citizens in support of the Canadian TBNS.

Another article, from the May 27 *Vancouver Province*, notes that the Royal Canadian Mounted Police shut down unlicensed TBNS in Winnipeg, Saskatoon, Medicine Hat, and Three Hills, Alberta. Several other unlicensed TBNS have been ordered to shut down & complied voluntarily. All these stations have been operating on UHF. (which means, if you log a TBN from an unlikely direction, don't rule out Canada as its location!)

Mystery Contributor, Columbus, OH:
(Dave Moody?)

Someone from Columbus sent copies of the WPBO-42 program and transmitter log forms, and the transmitter meter readings form, along with a WPBO-42 coverage map (forwarded to HQ for possible use as a VUD cover) and a clipping from the July 15 *Columbus Dispatch*.

The latter clipping mentions a lightning strike on the tower of WOSU-34 and WTTE-28. The tower was hit about 1:30am on Monday, July 13. "Both stations limped along on low wattage for a while Monday. Then transmission was stopped so repairs could begin." It's unsafe for tower workers to climb past an operating antenna; more thunderstorms also posed an unacceptable risk to further work.

WTTE-28 expected to be back on the air on the night of the 15th, with WOSU hoping to be back sooner, on the 14th. Microwave and fiber optic gear borrowed from WCMH-4 and others permitted both stations to reach cable subscribers in the area during the tower work.

Steve West, metro Philadelphia:

Steve called the evening of Aug. 12 to report WGTW-48 back on with a test pattern. (thanks!) After calling Steve back on the 12th, he reports what appears to be their regular schedule, with something called the "American Entertainment Network", from Denver, with "Channel America-type" programming, mostly old black & white Westerns, etc.. Their slogan is "Good Television to Watch"...

He's also seen an unID LPTV on 24, with the All News Channel. I'm passing along to Matt Sittel-- don't have any real solution for him here! Is it possible that WPAJ-24 Danville, VA is on?

John Combs, Orlando FL:

Sorry John; I managed to misplace the item you sent regarding an LPTV going dark...

Nothing exciting here on TV, just a few unID FM bursts in the Perseids. (though there was a new tropo logging on the tape!) But fall-like weather is descending on the South; looks like tropo season!

73 Doug

NORTHERN FM-DX

GREG CONIGLIO
5100 GLENWOOD DRIVE
WILLIAMSVILLE, NY 14221

For DXers in: MA, NH, VT, CT, MAR, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

AUGUST 1992 DEADLINE: The 5th LOG CUTOFF: 2 months from when mailed

The second half of June was poor for skip, and July was not much better. Many members are rating this a very poor season, although it did not seem as bad out west. Trop levels are also way down, presumably cause of the abnormally cool weather over many areas of North America. There have been "interesting" skip catches though, double hops, unusually short and long distances, and there was a good trop opening mid-June in the midwestern states. If you have had DX this summer, why not let us know? We look forward to hearing from you! On to the DX.....

FRANK MERRILL - PO BOX 669 - MACOMB, ILLINOIS 61455

All times CDST. Equipment: Macintosh MR-78 tuner. Antennas (hey, this in itself is a "DX Tip" for skip DXers). 1. Channel Master "Stereo Probe 9" yagi at 40 feet, used for over 90% of all tropo DX and some Es. 2. Channel Master "Stereo Probe 9" at 8 FEET OFF THE GROUND used for at least 80-85% of my Es DXing, and the rare occasional Tr catch, like KWKH 94.5 on 17 June.

MAY 1992 DX

1 Tr
0300 KEIR 88.9 TX Commerce, BBC pgm. legal ID, and jingle. BBC news 590
0303 KZZD 90.7 KS Wichita, legal ID 406
0352 WRR 101.1 TX Dallas, tornado PSA, c 646
0400 KSCS 96.3 TX Ft. Worth, calls 646
0410 KLTJ 94.1 TX Ft. Worth, calls, ads 646
0417 KQDZ 94.9 TX Arlington, calls and promo about the station 646
0434 Tulsa and OKC strong 405&510
0500 KCBT 90.9 TX Dallas, legal ID 646
0506 KERR 90.1 TX Dallas, lgi ID, Morn. Ed. 646
0523 "UHF tropo to San Antonio"
0535 KEAY 99.9 MO Warrenton, V-100 and St. Charles County and O'Fallon ments. 116
0548 KJMZ 100.3 TX Dallas, "We don't want violence in the D-FW area (this was during the L.A. riots)", rap music 646
0551 KJZY 99.1 TX Denton, 99.1 Z-Rock 613
0600 KHKC 103.1 OK Atoka, legal ID, weather reported off earlier in 1992. 515
0617 KRRM 105.3 TX Dallas, Many channel 5 promos, ph# 787-1053, many Dallas ments. 646
0640 KOSU 91.7 OK Stillwater, calls sounded like KCSU, started with Stillwater temp in weather 458
0726 KEIR 88.9 TX Commerce, in on top of KLUM-MO! 590
0730 KYOT 106.7 TX Granbury, calls, ad for Granbury Square antique sale 680
0809 W213AH 90.5 IL Macomb, gave WDLN 89.3 phone # 6
0811 KNYD 90.5 OK Broken Arrow, thru xlr408 8
0840 KWGS 89.5 OK Tulsa, calls, PSA, over KOPN same direction, came out of nowhere 413
0842 KGLS 93.1 KS Pratt 474
8 Es
1034 WKRY 93.5 FL Key West
1036 KLUX 99.9 TX Robstown
1042 KYMV 96.9 TX McAllen, "If you have 's about God, call us at 787-7777 (theirs is 787-9700)"
1100 WHVE 102.5 FL Sarasota
1115 KKYX 106.7 TX Terrell Hills, new calls, k 877
1115 XHPJ 106.9 NL Monterey, ads, "Estereo Classic" slogan, SKIP FREQUENCY #100. 1164
1130 WGYL 93.7 FL Vero Beach, calls 1063
10 Tr
0519 KMCH 94.7 IA Manchester, "All of eastern Iowa has discovered the new KMCH", k 146
10 Au
0519 heavy hash on entire dial, couldn't ID anything
16 Es
2342 WBVM 90.5 FL Tampa
WCTQ 92.1 FL Venice

JUNE 16 Es continued

2342 WJIS 88.1 FL Bradenton
2343 WOLM 92.9 FL Punta Gorda, calls heard 1057
17 Tr
0000 W212AI 90.3 IL Springfield (WIBI 91.1) 70
See note #1.
17 Es
0002 WBVM 90.5 FL Tampa
24 Es
1951 WBOS 92.9 MA Brookline, 92-9 WBOS 1022
1956 WCDQ 92.1 ME Sanford, calls, quick fade in and out over 30 mile WCAZ 1043
1959 WEVO 89.1 NH Concord
1959 WSKG 89.3 NY Binghamton, multi-region NY Weather, Binghamton first temp, fade 775
2000 WAER 88.3 NY Syracuse, legal ID blues 770
2007 WODS 103.3 MA Boston, "Oldies 103" and Top 500 countdown, Boston ads later 1024
2008 WRNX 100.9 MA Amherst, Weird Al Yankovic coming to "The Valley", call 253-2299 for info (I guessed, dialed 413-the no. and WRNX answered!) MUF 107.9 (sem. WKKs-MA)
2013 WHYN 93.1 MA Springfield 940
2016 WTCC 90.7 MA Springfield, Pulaski Park events, dedications, etc, called them 940
2024 WWLJ 105.1 RI Providence, Thrifty ad ment obvious Rhode Island cities 1006
2038 WLYT 92.5 MA Haverhill 1030
CBAT26 88.5 NB Moncton 1359
2044 WERS 88.9 MA Boston 1024
2052 WBMT 88.3 MA Boxford, "The north Shore's best rock", super weak! 1028
25 Es
0833 WAVV 101.7 FL Vero Beach, Wave 101.7
0841 WYKS 105.5 FL Gainesville, local ads 882
0843 WEAG 106.3 FL Starke, Love 106.3, call 875
0852 WDDQ 92.1 GA Adel, "Exit 10 information Radio", endless stream of Exit 10/Adel ads" 761
MUF of 107.9
1300 WTEB 89.3 NC New Bern, calls, no legal 830
1309 WMQX 93.1 NC Winston-Salem
1311 WYFL 92.5 NC Henderson, EBS test, said "This station serves THIS operational area"! Argh!
1317 WKOT 103.3 NC Newport, Thunderhead Computer ad (isn't lightning bad for computers?) 853
WAKO 103.3 VA Danville, ads, "You live in Virginia" (No listeners in NC, or IL?) 665
1321 WHITE 103.7 NC Williamston, local ads 805
1329 WYEL 92.5 NC Henderson, legal ID 722
1924 WHOV 88.3 VA Hampton, mosquito control tips on WHOV-FM (Yeah! These tips alone make all my years of DX worthwhile) 806
1946 WSNE 93.3 MA Taunton
1950 WPRO 92.3 RI Providence

FRANK MERRILL'S REPORT continues.

MAY 25 E-skip cont.

1952	WNTX	96.3 MA Nantucket "WMVY" dual 92.7 and 96.3 ID	
1954	WODS	103.3 MA Boston	
1957	WMNR	88.1 CT Monroe, legal ID briefly heard over WMBR	914
1959	WBR	90.9 MA Boston, not legal ID	1024
2001	WSOC	91.7 NY Oneonta, "18000 members of WSKG..."	820
2001	WMBR	88.1 MA Cambridge, legal, rap	1023
2007	WAMC	90.3 NY Albany	
2014	WVCR	88.3 NY Loudonville, calls	886
2033	CBAF15	88.1 PEI Charlottetown	1440
30 Trs			
2303	WZNX	107.9 IL Arcola, "107.9 WZNX Arcola Mattoon-Charleston's best rock, Z108"	135
2346	WEZS	95.1 IL Carterville, "The music continues on 95.1 WEZS, the new lite mix"	204
31 Trs			
0119	WDXR	94.3 IL Golconda, calls after k	235
0154	KYRX	104.7 MO Chaffee, "Missouri's fav music on Y105", legal w/Cape Girardeau	232

JUNE 1992 DX

5 Es			
1010	KLZY	92.5 WY Powell	957
1042	KQFC	97.9 ID Boise, calls	1329
1046	KZMG	93.1 ID New Plymouth, local ad for Boise Village, "The Hot FM Magic 93.1"	1360
1101	KIZN	92.3 ID Boise, Kissin 92, k	1329
5 GW			
1102	KRNA	94.1 IA Iowa City, legal ID	95
6 Tr			
0622	WTKE	91.1 IL Kankakee, community bulletin board tape, mono. What a waste!	154
0643	KIAI	93.9 IA Mason City, "Double Country KIAI, with the most k music"	228
0644	WMMM	105.5 WI Verona, "105.5 Triple M Madison's best rock", local ad & wx	185
0648	WIKK	103.5 IL Newton, calls, DJ blab	163
1733	WQTY	93.3 IN Linton, WKZW off	210
1740	WNIA	95.5 IL Chicago, WGLO off	184
1959	W209AL	89.7 IL Macomb, WOCA 89.5 legal ID, see Note 2	6
6 MS			
1653	CKCU	93.1 ON Ottawa, ad for Ottawa's new rap sensation, reggae song. Lasted about 1 minute my longest burst! Was trying for KFKQ-WI.	831
6 Es			
2034	KNAJ	88.3 AZ Phoenix, ID in English and Spanish in middle of song!	1278
2048	KJOK	93.1 AZ Yuma, K-Jack 93 FM	1432
2050	KTTI	95.1 AZ Yuma, Promo with calls "Hello, Yuma! STILL need California!"	1432
2105	KNAU	88.7 AZ Flagstaff	1201
7 GW			
0000	WBBA	97.5 IL Pittsfield, legal ID	59
0000	KICK	97.9 MO Palmyra, legal ID, jingle "Forgot to log these before" NOTE 3	64
8 Es			
0116	CKHJ	93.1 NB Fredericton	1268
0140	CJLS	96.3 NS Barrington	1306
0142	WCME	96.7 ME Boothbay Harbor, "Coastal Country 96.7 FM WCME", ad	1103
0147	WYNZ	100.9 ME Westbrook, woman DJ between songs, verified per phone call	1066
0158	WCCY	93.7 MA Lawrence, legal ID	1021
8 Tr			
0212	WIXY	100.3 IL Champaign, calls in jingle country, helps to ruin another freq.	130

JUNE 8 Trop cont.

0225	WKOT	96.5 IL Marseilles, MONO, oldies "Pure Gold Rock n' Roll. Oldies 96.5"	119
0248	KARO	101.5 MO Columbia, ads for cent. MO legal @ 0250, a crowded frequency now!	136
0300	KTXR	101.3 MO Springfield, legal ID	263
10 Tr			
0433	WDBM	88.9 MI E.Lansing, ph# 355-4237 this is "Kay" on Impact 89 FM	356
0448	WETN	88.1 IL Wheaton, taped legal ID	166
0449	WLWU	88.7 IL Chicago's Energy 88.7	186
0518	WCLR	95.7 OH Piqua, Clear 95.7	339
0530	WGNR	88.9 MI Grand Rapids, ID	311
0601	WIBN	98.1 IN Earl Park, sign on with extremely distorted audio	171
0607	WAWC	103.5 IN Syracuse, Wawasee 103	250
0608	WBOR	95.7 IN Atica, local temp, etc	180
10 Es			
1850	KJOL	90.3 CO Grand Junction	
1900	K202AQ	88.3 CO Arrowhead Buze, KPRN legal ID, NOTE #4	910
1908	K202AD	88.3 UT Orangeville, note 5	1070
Note:		local WIUS 88.3 off between semesters. Thanks!	
12 Es			
2117	CBK	96.9 SK Regina	966
	CBKS	105.5 SK Saskatoon, parallel	1110
	CFMC	95.1 SK Saskatoon	1110
2124	CHSN	102.1 SK Saskatoon, end of religious pgm "Hour of Rest" (verified via phone)	
13 Es			
1925	WSTW	93.7 DE Wilmington	801
1928	WMPH	91.7 DE Wilmington, p format	
2055	WKRR	92.3 NC Asheville, ads, Rock 92	675
2059	WZFX	99.1 NC Whiteville, The Fox 99-1, Cape Fear Valley Medical Center	781
2100	WMEV	93.9 VA Marion, legal ID	553
2125	WTUB	93.7 SC Georgetown, coastal weather, Georgetown shopper guide	796
2208	CHMX	92.1 SK Regina	966
2212	KZPR	105.3 ND Minot, local ads	752
2242	KIZZ	93.7 ND Minot, legal ID	752
2301	CIMG	94.1 SK Swift Current	1075
2305	KTYZ	92.7 MT Wolf Point, calls, k	910
2331	KPOX	92.5 MT Havre	1092
14 Tr			
0252	WZWZ	92.7 IN Kokomo, local wx	238
0259	WSKT	92.7 IN Spencer, k, phone calls	222
WLRT		92.7 Kankakee weak all night, why?	154
14 Es. Wow!			
1259	KDXT	93.3 MT Missoula, call letters "the frequency 93.3, XT93"	1249
1300	KUFMI	89.1 MT Missoula, BBC mag	
1312	KAAC	98.9 MT Great Falls, TC, K99	1135
1315	KQSW	96.5 WY Rock Springs, ID	970
1319	KTRR	102.5 CO Loveland, Oldies Tri 102 (strict), Estes Park museum ad	758
1323	KOLT	103.7 WY Casper	825
1326	KLEN	106.3 WY Cheyenne, Light FM 106 is Cheyenne's official at work stn	742
1329	KGPR	89.9 MT Great Falls, Jazz on 10:30 Tuesdays here on MT Pub Radio	1135
1330	KWBI	91.1 CO Morrison, semi-legal ID	767
1338	KPBI	105.9 CO Denver	760
1343	KMCX	106.5 NE Ogallala, ad	580
1344	KSID	98.7 NE Sidney, calls	646
1345	KQKS	104.3 CO Longmont, legal ID	761
1348	KNNK	104.7 CO Sterling, King FM	659
1348	KOGA	99.7 NE Ogallala, local ads	580

MORE DX TO COME ON THE NEXT PAGE!

FRANK MERRILL'S REPORT continues.

JUNE 14 Es continued

1350	KELN	97.1 NE North Platte, calls	530
1355	KIMN	107.9 CO Fort Collins, legal ID and "Power 107.9", Ft. Collins ad	757
1400	KTRS	95.5 WY Casper, legal ID	825
1400	KPNY	102.1 NE Alliance, legal ID	644
1401	KSIT	104.5 WY Rock Springs, calls	970
1407	KVSR	97.9 SD Rapid City, religion	
1410	KAML	96.9 WY Gillette, Camel Gold Rock and Roll Radio	802
1420	KGWY	100.7 WY Gillette, Y100 contest local ads for Gillette, weather	
1422	KIDX	98.5 MT Billings, local ads "Billings Hot 98 FM Magic 98"	968
1424	KOHZ	103.7 MT Billings, calls given	968
1430	KPSD	97.1 SD Faith, new ES STATE SEE NOTE #7	656
1433	KROE	94.9 WY Sheridan, The 94.9 Heat	881
1434	KKMK	93.9 SD Rapid City, Magic 93.9	690
1437	KSOY	95.1 SD Deadwood, K-Sky, the Black Hills Best Rock, Foreigner mix	720
1439	KIKK	101.3 MT Forsyth, calls, satellite k	899
1441	KGGG	100.3 SD Rapid City, local ads	690
1446	CIMG	94.1 SK Swift Current	1075
1448	KDZN	96.5 MT Glendive, Magic 96	838
1451	KDSR	101.1 ND Williston, The Basin's best country, the king of country KDSR	833
1454	KYYY	92.9 ND Bismarck, Y93, ads	670
1458	KOSD	91.9 SD Lowry, South Dakota weather Alerts, separate legal ID	578
1505	KTYZ	92.7 MT Wolf Point	
	CBK	96.9 SK Regina	966
1518	CHMX	92.1 SK Regina	966
1519	KHHT	97.1 ND Minot, K-Hit 97 forecast "66 in Minot", and mention of KXJB-TV"	752
1519	KBQO	99.9 ND Minot	752
		All Regina FMs	966
1542	CKX	96.1 MB Brandon, ads, "Your 1st choice Belmont is KX96 FM" PROVINCE #8	791
1622	CBWY	92.7 MB Jackhead, MONO talk about Brazil conference (which Bush turned into a joke), fading in with Channel 5, NO Brandon on 96.1, 4, or 5, so I will count this as CBWY and not CBWS Brandon (which is stereo)	855
15 Es			
2230		New Orleans tent, 89.9, 90.7, 93.3	
	WRBH	88.3 LA New Orleans	725
2254	WQUE	93.3 LA New Orleans, legal ID	725
16 Es			
0651	WCKW	92.3 LA LaPlace, "We're 92.3 WCKW, New Orleans Classic Rock"	716
0655	WBSN	89.1 LA New Orleans, calls	725
0700	WQCK	92.7 LA Clinton, lgl ID	662
0701	KNGK	92.5 OK Oklahoma City, Former Tr CLOSETED MACOMB E-SKIP	508
0705	KMRK	96.1 TX Odessa, calls	883
0712	WRBH	90.3 LA Baton Rouge, traffic, call	696
0718	WRKF	89.3 LA Baton Rouge, calls traffic, Baton Rouge weather	696
0737	KLYT	88.3 NM Albuquerque, car AD	949
0750	KRST	92.3 NM Albuquerque	949
0754	KKOB	93.5 NM Albuquerque	949
0800	KCRT	92.7 CO Trinidad, calls just barely heard, hasn't moved to 92.5 yet.	779
0805	KONM	93.7 NM Gallup	1041
0807	KTDH	89.7 NM Gallup	1041
0816	KALQ	93.5 CO Alamosa, legal ID	842
0820	KRYT	107.9 CO Pueblo	760
	KNYN	95.5 NM Santa Fe	916

JUNE 16 Es cont.

0827	KNMI	88.9 NM Farmington, legal ID, end program for kids, upbeat song intro	981
0830	K202??	88.3 NM Farmington, currently outside the KSUT studios" 88.3 on map, 91.7 in the list!	981
0833	KPCL	95.7 NM Farmington, legal ID after Focus on the Family	981
0835	KCME	88.1 CO Manitou Sps.	766
0839	KRDO	95.1 CO Colorado Springs	761
	KWYK	94.9 NM Farmington	981
0843	KKYY	98.3 CO Gunnison, dual ID with KPKE 1490 and KKYY	877
	KJOL	90.3 CO Grand Junction	954
0851	KGLX	99.1 NM Gallup	1041
0855	KVNA	97.5 AZ Flagstaff	1201
	KMGH	93.9 AZ Flagstaff	1201
0907	KXTC	99.9 NM Thoreau, KJ, "XTC"	1015
0920	KAFF	92.9 AZ Flagstaff	1201
0922	KQLS	93.1 KS Pratt, NOTE #8	474
0928	KNAU	88.7 AZ Flagstaff, legal ID	1201
1030	KNAI	88.3 AZ Phoenix	1278
1042	KPSN	96.9 AZ Phoenix, calls, Sunny97	1278
1049		Arizona on 92.3 and 93.3	
1836	CBK	96.9 SK Regina	966
1844	CIZZ	98.9 AB Red Deer	
	CKUA-6	101.3 AB Red Deer	
17 Super Tr!			
0000	KLTJ	94.1 TX Fort Worth	646
0008	KHMX	96.5 TX Houston	800
0034	KNUJ	101.5 TX Tyler, calls lrd twice had to contend with congested frequency	616
0048	KRBE	104.1 TX Houston, calls, ads	800
0128	KEZA	107.9 AR Fayetteville	357
0138	KSCS	96.3 TX Fort Worth	646
0143	KLDE	94.5 TX Houston	800
0204	WRR	101.1 TX Dallas	646
0207	KBUS	101.9 TX Paris, calls after song	541
0240	KKYX	106.7 TX Terrell Hills, fading in spots, "here on KKYX", fade back in with promo calls a few times (nice catch!-gc) NOTE 9	877
0303	KPLT	107.7 TX Paris, soft rock, Star 107	541
0313	KISX	107.3 TX Whitehouse, East Texas best mix, Kiss 107.3 (tough thru KGRS @ 40mi)	623
0328	KWKH	94.5 LA Shreveport, c&w, calls	575
0333	KDGE	94.5 TX Gainesville, spot for the Progressive Mix, "94.5 The Edge"	592
0340	KOMY	100.5 MO Aurora, "The new my Country 100.5 FM", promo, jingle	
0355	KRMD	101.1 LA Shreveport, "Arklatex" weather with semi legal ID	575
0400	KYTT	91.7 TX Dallas, legal ID	646
0400	KNON	89.3 TX Dallas, religious, celebrity basketball promo, ph# 823-2126	646
0404	KTYL	93.1 TX Tyler	
0406	KYKI	96.5 LA Shreveport, calls	575
0420	KRLW	106.3 AR Walnut Ridge, contest	303
0422	KCWD	96.1 AR Harrison, Still "97 Country"	320
0432	KOLL	94.9 AR Maumelle	410
0439	KXQZ	96.9 MO Mountain View, calls "playing the favorites of yesterday and today"	246
0443	KEYI	103.5 TX San Marcos, "my former Macomb Tr distance record"	838
0459	KTUX	98.9 TX Carthage, legal ID (a cool gold briefly faded up-KLTD?)	609
0531	KEEF	106.1 AR Fairfield, Weather for Central Arkansas, legal ID	346
0533	KWOZ	103.3 AR Mountain Home, k	326

FRANK MERRILL'S REPORT continues.

JUNE 17 tropo continued!

0614 KWMU 90.7 St. Louis off, 1st time ever!
0614 W2147 90.7 IL, prayer, then weather on
WIBI (is this Springfield?)

17 Es

1642 WFOS 88.7 VA Chesapeake, Tidewater
area campus calendar (various) 820
1653 WHRV 89.5 VA Norfolk, CBC prog
at 6:30, "here on WHRO" (88.3) 822
1750 WCPB 89.7 NC Raleigh, promo, calls 728
1759 WSCI 89.3 SC Charleston, legal 795
WRJA 88.1 SC Sumter
1812 WJLA 93.3 GA St. Marys, 93 A-one-A
Jacksonville's rock & roll station. 844
1821 WMTX 95.7 FL Clearwater 973
1823 WDDQ 92.1 GA Adel 761
1827 WOLZ 95.3 FL Fort Myers 1081
One of the fastest moving Es clouds I've even seen, and
it went in the "wrong" direction!

18 Es

0934 KFAI 88.3 AZ Phoenix 1278

18 Tr

2255 WLHT 95.7 MI Grand Rapids 311
"heard on low skip antenna only"
2300 WBHM 90.3 AL Birmingham, legal ID, AL
temps, plenty of unID during this time! 525
2312 WDLT 98.3 AL Chickasaw, calls, ad 685
2316 WUMG 105.3 FL Chattahoochee, "UMG"
heard at tune in 749
2317 WILN 105.9 FL Panama City, Isle 106 764
2321 WZTZ 101.1 AL Elba, PSA: Coffee Cntry
voting, mention Enterprise and Elba 675

18 Es

2345 KALL 94.1 UT Salt Lake, Call-FM 1113
2350 KPCW 91.9 UT Park City, local talk
about school stuff, calls mentioned 1094
2353 K201AE 88.1 UT Cedarville, KPCW calls 1087



19 Es

0001 KISN 97.1 UT Salt Lake, legal ID 1113
0010 KJON 95.5 UT Ogden, KJQ 1115
0012 KCPX 98.7 UT Salt Lake City 1113
0026 KCLR 90.7 ID Twin Falls, legal ID 1241
0028 KEZI 95.7 ID Twin Falls, "here on
Idaho's most famous & music station" 1241
0032 KSLV 95.3 CO Monte Vista 854
0036 KRAZ 96.9 NM Farmington, Star 97 981
0038 KWYK 94.9 NM Aztec 968
0040 KBER 101.1 UT Ogden, K-Bear 101 1115
0041 KKAT 101.9 UT Ogden 1115
0047 KTSC 89.5 CO Pueblo, calls, promo 760
0051 KKMQ 98.9 CO Pueblo, Boardwalk
U.S.A. in Colorado Springs, Magic 98.9 760
0057 KUSU 91.5 UT Logan, sign off, dir list 1106
0058 KELO 91.5 NM Albuquerque, news,
etc. turned away to catch the below 949
0059 KRIZ 99.9 CO Cortez, legal after CW 987
0104 KBAC 98.1 NM Las Vegas, legal ID
with Santa Fe and Albuquerque 860
0108 KILQ 93.9 CO Colorado Springs 761
0111 KCCY 97.9 CO Pueblo, not on 96.9 yet 760
0122 KRCC 91.5 CO Colorado Springs, reggae
called them, paralleled music over phone 761
0123 KUER 90.1 UT Salt Lake City 1113
0133 KKOR 94.5 NM Gallup 1041
0222 KADO 94.3 ID Rexburg, calls 1107
0245 KJON 95.5 UT Ogden 1115
0250 KYCS 95.1 WY Rock Springs 970
0257 KBSW 91.7 ID Twin Falls, legal ID
with KBSU 0259 KLIX 1241
96.5 ID Twin Falls
KQSW 96.5 WY Rock Springs 970
"KLIX...Rock Springs"
0304 KLCE 97.3 ID Blackfoot, calls, NBC m 1132
0307 KZRT 102.9 ID Jerome, "Idaho's #1 hit sta
2103, we just keep going, and going, and going."
0330! KLUP 99.1 ID Idaho Falls, here on
Kewpee 99, NOTE 11

29 Tr

0303 WGLM 106.7 IN W Lafayette, "WGLM, our
name says it all (it does? -fm), Greater Lafayette's
music" (NOTE 12) 198

JULY 4 Es

1842 XHPS 93.3 VE Veracruz, very briefly

18 Es

1949 KQIX 93.1 CO Grand Junction 954
"July Es DX really goes down the toilet!"

NOTE 1 (17 May 0000/17 June 0614): It seems like I remember seeing references to this being Jacksonville instead of Springfield, and my 17 June logging on 90.7 confuse me more. Does anybody know what's going on? NOTE 2 (06 June 1959): This new translator had terrible audio, and much weather than the 90.5 (same site). It was only on for a few days, and now has been gone for over a month.

NOTE 3 (07 June 0000): I finished spending 2 days sorting a reconciling my DX totals with the new FM Atlas, something I've needed to do for a couple of years. I wasn't satisfied until my log "physical count", my Atlas "count" (both map & frequency) all tied out EXACTLY. Oh to have this in a computer! Finally, everything added up to 1,849. Other specifics sent to Fred Nordquist. Thankfully, I did it when I did! The incredible blitz of DX June 8 to 19 would have made the initial project that much more intimidating, and more difficult.

NOTE 4 (10 June 1900): I had to log something here-I feel confident that I chose the exact translator I was hearing, though there are 4 possibilities. K202A was not heard, so I doubt K202AR Crested Butte; K202B Rifle which are even farther south than K202A. K202AQ is near Montrose and has a fairly clear horizon (i.e. a lake) in my direction.

NOTE 5 (10 June 1908): Weather for Wasatch Front, Salt Lake City temp, into All Things Considered. This was not KBQA SLC because g stations do not carry ATC, instead this is KUER 90.1. As in note 4, there are four choices for KUER donors, and I had to log something. Orangeville more a "guess" than Note 4, it was merely the closest to the Es action (still more than 100 miles away), but near the near total lack of "regular" FMs in eastern Utah makes pinpointing more difficult. I should make some observations here (next page-gc)

FRANK MERRILL'S REPORT continues.

A. This shows how, under rare circumstances, the conscientious DXer can make mistakes. If the station had faded out after the SLC temperature and before Corporate (?) Things Considered (hi), I would have probably logged it as KBQA! I don't believe I've logged any such red herrings, though. I remember an even stranger example in 1981 in Ohio, during simultaneous Tr and Es, when I was getting KDCR 88.51A announcing a program produced by "KTEP in El Paso" and the Es opening was to El Paso, but the MUF was on and off FM. I can't remember if I actually heard KTEP on that date or not, also on 88.5!

B. Now that I've logged KPRN and KUER on 88.3, I will not be able to log any of their other 88.3's (such as the Rifle KPRN) unless I hear two distinct signals fighting. Audios could indeed differ during such an Es opening, as one site could be getting skip interference, etc. This does get interesting, indeed.

NOTE 6 (13 June 2100): I actually did not want to log this on Es, but there it was. I was nearly tempted to "toss it back in". Why? Cause I've considered this to be my most likely VA tropo catch, and when I get a new Tr state it's nice if the station is a new logging, to, not just a new mode. Now it is likely WVTF 89.1 Roanoke. I am unlikely to have such a luxury with Tr to new states such as FL or CO, since I have logged most of the closer higher powered stations.

NOTE 7 (14 June 1430): No ID heard, merely talk about Faust and Wagner. Verified by phone call (SD was carrying this, but so was local WIUM 91.3). There are no other NPR stations on 97.1 (WLIC-MD is g) and this area was strongly in, I would have never counted this if it was on say 91.1

NOTE 8 (16 June 0922): Very strange propagation! I had assumed this as Es backscatter (though it was still there at 1038), it was very weak and extremely fady, like turbulent Es reception. After the big "blowout" (starting on UHF 6/16) to 6/19 (both Tr and Es stuff), this reception was immediately totally forgotten until right now, as I post DX data to my log. Since then I've become aware of similar unusual reception by Mike Hawk in Omaha, and I explained to him that I think he was having "his end" of the Tr duct tossed asunder by the turbulent weather occurring in that area. I can't really figure why my only sign of this was KGLS, except perhaps for the fact that the stations are so very sparse in that area. I am now calling this tropo.

NOTE 9 (17 June 0246): This is my undisputed personal Tr distance record. Formerly I had 3 personal Tr distance records, all clustered around 830-840 miles (one here, in Toledo, and Milan, Mich), and I never felt I knew my true record. Since this station is a "San Antonio" station, they cannot have their transmitter far enough NE of these to leave this in dispute. It also "couldn't happen on a nice freq.". ANYTHING besides WYLL-IL (a weak station itself) is either Es or "heavy duty" Tr reception.

NOTE 10 (17 June 1642 & 1653): These 2 were heard on the car radio, on opposite sides of Monmouth, IL. I am 30 miles from there. I am still counting these, because their probable signals persisted (in and out) as I approached my 25 mile contour, and because both freqs are totally open in Macon.

NOTE 11 (19 June 0330): I believe this is the "deepest" into the middle of the night FM Es that I have ever experienced! I now need only the 0400's and 0500's to finish off my FM "skip clock".

NOTE 12 (29 June 0303): This, my 18th Tr on 106.7 (only 95.9 and 104.9 with 20 each, have more) gives me a total of 9,059 Tropo miles on 106.7 Has anybody else ever had this many Tr miles on one FM frequency? WKJR Sullivan, IL is still on 106.3; as far as I'm concerned they can take forever to move to 106.7!

What a strange season! Apparently, it "crashed and burned" just as summer officially arrived. This reminds me of the 1984 season, except that in 1984 I MISSED all the late May/early June ES because I was travelling to Newfoundland (great place!) That year there was also a lot of Es before late June and little after. The 1 May Tr was my first significant FM tropo logging in almost a year! There was that little Nebraska TV last August, but that was rather lame. Then there was January's WSTZ 106.7 MS (NO other apparent FM Tr), heard only due to the clear frequency. If the pace had kept up, 1992 would be my best DX season by far, but there's still time for good Es openings, and even more time for good Tr. Why has there been so much Tr to Texas? That's not supposed to happen this time of year! Texas Tr, I associate more with Sept. thru January. (We have been getting winter type weather in the northeast (fast moving low pressure tracks) maybe that is part of it-gc). Before 1992 I'm not sure I've ever had long haul Tr in a more south than west direction outside of the cooling off months. Tr to Oklahoma/Kansas seems to normally happen once every August in a massive opening. DXers plagued by locals and semi-locals (yeah, like there are some that aren't!) should note that my "low antenna" allows me to often get ES through stations 30-40 miles away, which is often difficult on the high antenna. I'm not convinced that this system seriously surpasses the "Bolin phasing system", though, and in fact the phasing is probably superior to my arrangement. I am certain it's better for getting Tr past locals, as Bill Nienajady and Ralph Strubel have proven. So, I hope to get a Bolin box before the year is out, and I'll finally be able to explore the true scientific limits of Macomb FM DX. But a point has been made here: if you cannot put up a tall FM antenna, or the 2 required for phasing, or if you must "hide" the antennas in the backyard, the resulting low antenna may give astonishing ES results. Totals now 1,963 from 47 states (need CA!, which has the most FM's of any state!) I have 17 "duplications" (more than one type of propagation) 73

STATION NEWS: WSAE Spring Arbor, Mich is indeed on 106.9 now. WRRG 88.9 River Grove, Ill. is now dance music. WLRX 95.7 Nappanee, IN is AC and carries White Sox baseball. WKOT 96.5 in Marseilles, Ill. is on with satellite oldies, same feed now as co-owned WKBM 100.7 Coal City. Up in the Milwaukee area, WKV 100.7 is quite urban "hit-dance" now, and WLUM is moving back in that direction. Thanks Mark Strickert for station updates. W238AB 95.5 in Rochester is on the air with a substantial signal (48 watts); it gets out well, so check for it. They translate WRQI 95.1 "Rocket 95", soft album

DAVE NIEMAN-12284 NICE ROAD-AKRON, NEW YORK 14001-9529

Equipment: Carver TX-11 tuner IF filter modified. Channel Master Stereo Probe 9 at 35 feet on crankup tower, Channel Master 3617B VHF at 23 feet into phase box. Alliance HD-73 rotor and RG-11 coax.

New loggings are underlined. New call {KKKK}.

New propagation mode WWWW.

JUNE 1992 DX

30 tropo & scatter
0143 WZOO 102.5 OH Edgewood, "102-200"
rS\$ 137

0150 WIOG 102.5 MI Bay City, rS
ex WGER 273

0200 WOLC 102.5 MD Princess Anne,
WMJG Buffalo off the air 362

JULY 1992 DX

1 tropo
0800 WNYY 98.5 NY Waterloo, mS
under WKSE Niagara Falls 84

3 Groundwave
1800 WZ3AB 95.5 NY Rochester, S
ex 105.5, WRQI 95.1 49

7 E-skip & backscatter

2018 KTIX 106.1 TX Brenham, "K-Tex-106"
kS 1323

2033 KKYX 106.7 TX Terrell Hills, "Classic
Country", kS 1459

2045 KUEZ 99.3 TX Lufkin, rS 1194

2105 WVXU 91.7 OH Cincinnati, ID, S 408

12 E-skip

0910 KUAD 99.1 CO Windsor, "K-99"
lcl adds, kS 1356

18 E-skip

1900 KMCM 92.5 MT Miles City, ID, rS 1363
over WBEE Rochester

Little going on in this reporting period. No distant tropo but still some skip. Dave

DAVE NIEMAN-HO STA GEH, ROAD-ROCK CITY, NEW YORK

Equipment: Technics ST-8080 tuner IF filter modified. Antennacraft FM-10 at 20 feet, RG-6 coax and Radio Shack rotor.

New loggings are underlined. New call {KKKK}.

New propagation mode WWWW.

JULY 1992 DX

10 Meteorscatter
1033 WOJK 99.1 FL Jacksonville, contest
promo with Ch. 17, S 827

25 tropo
2005 CELZ 91.9 ON Niagara Falls, ID
Visitors Information Radio 81

JULY 1992 DX

26 tropo & scatter
0800 WVSB 94.7 ?? ??????
0903 WHLX 105.5 WV Bethlehem, "Easy-105.5"
-FM", bS 179

Put the FM antenna up on a 20 foot guyed mast but haven't had much time to play around with it Dave

JOEL ROSENBERG - 14 GLENAYR RD - RICHMOND HILL, ONTARIO L4B 2W3

(416) 884-8454, Equipment: Marantz 125 tuner, 6 element yagi at 50 feet

APRIL 1992 DX

15 Tr
2033 WBTF 101.7 NY Attica (Joel this is what
you had, GENESSEE Country Lite 101.7-gc)

2114 WMAX 106.7 NY Irondequoit, weaker
than most Rochester stations

MAY 1992 DX

13 GW
0730 CIRV 88.9 ON Toronto, several days
operating off frequency

21 Tr
0820 CKRZ 100.3 ON Oshweken, FM 100.3
heard in car, but not heard since at home:

WZPR in Meadville is too strong

22 Tr
0735 WSFW 99.3 NY Seneca Falls, Finger Lks

JUNE 1992 DX

17 Es
1711 KWFC 89.1 MO Springfield, religious

1713 KLPI 89.1 LA Ruston

1718 CFMU 93.3 ON Hamilton (relog)

1721 KMAG 99.1 AR Fort Smith

1729 KUAR 89.1 AR Little Rock, All Things
Considered, Arkansas weather

1811 KUEZ 99.3 TX Lufkin

1812 KTUX 98.9 TX Carthage, Tux 99

1813 KODA 99.1 TX Houston

JULY 15 Tr/GW

0820 CELZ 91.9 ON Niagara Falls, heard in
car, some fading, lader at home steady, "See

Falls" Niagara Parks Commission tourism info

Was this a poor year for skip or did it all happen mid-day (No, it was probably the worst year I have had for skip, and many others have said the same thing-gc). Not much heard in evenings? Maybe we need a W.NY - S.Ont phone cascade. 73's Joel

REPORT TO THE VUD

MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082

Equipment: Carver TX11 (modified IF) and ten element Finco antenna @ 30' agl

MAY 1992 DX

26 Es

1940 WCTO 92.1 FL Venice, k

1952 WQYK 99.5 FL St. Petersburg

1954 WOLM 92.9 FL Punta Gorda

2000 WYFO 91.9 FL Lakeland, g

2013 WMMQ 98.9 FL Orlando

JUNE 1992 DX

3 Es

2126 WJXX 92.9 MS Utica, Jackson 96ers BB

5 Es

1238 WTLG 92.9 AL Tuscaloosa, Power 93

1241 WQSB 105.1 AL Albertville, k

1245 WZPY 104.3 AL Athens

1254 WAXM 93.5 VA Big Stone Gap, 93X

1310 KJPR 92.3 AR Pine Bluff, Power 92

1319 KMFC 92.1 MO Centralia, g

9 GW

0300 Open carrier on 97.3 and in S, and very strong.

It must be Litchfield

10 Es

2021 WSTR 94.1 GA Smyrna

2023 WOKK 97.1 MS Meridian, 97-OKK

2031 WUAL 91.5 AL Tuscaloosa

2035 WSYE 93.3 MS Houston, Sunny 93

2037 WXTT 98.1 AL Fayette

13 Es

1941 WNBS 92.1 FL W Palm Beach, Wings 92-1

1943 WCMQ 92.3 FL Hialeah, Spanish

1944 WQBA 107.5 FL Miami, Spanish

1946 WHOT 105.1 FL Coral Gables

1947 WEAT 104.3 FL West Palm Beach

1948 WWUS 104.7 FL Big Pine Key, US1 Radio

1951 WZTA 94.9 FL Miami Beach

2120 WCTO 92.1 FL Venice

2122 KRRM 105.3 TX Dallas, Young Country FM105

(Mike, note the call letter change-gc)

2125 WOOF 99.7 AL Bothan

2137 WKRY 93.5 FL Key West, Key 93, best music

in the keys.

2139 KLTY 94.1 TX Fort Worth

2141 WQBA 92.9 FL Punta Gorda (?-gc)

Notes: Here it is July 10th and Es has just about been zero since June 17th. Is this correct, or am I just not checking enough? (No you are right, it has been a very poor year for skip, and trop in some areas-gc). Even tropo has been way down and the weather has been nuts...cool, lots of rain/thunderstorms and low pressure areas. People are blaming the volcano on this stuff. Sounds good to me. My Carver tuner is back in use again. Only took about 10 days at an authorized service shop, but this time I put the original filters back in before giving it to them. So, if you are one of those who have modified the filters in your set, hang on to the originals just in case your rx dies and save yourself mucho grief.

MIKE CHERRY - BOX 631 - GANGES, BRITISH COLUMBIA V0S 1E0

Equipment: same. Also using Channel Master rabbit ears with 6-position capacitor for nulling.
= mobile logging

APRIL 1992 DX

1 Tr

0559 KMBI 107.9 WA, ID, relig 299

0600 KKPL 96.1 WA, Lite 96, ID\$ 299

0617 KMHD 89.1 OR, Morning edition\$ 236

JUNE 17 Es

1822 KBEZ 92.9 OK Tulsa

1828 KTLS 93.3 OK Ada

1817 KMMY 97.1 OK Muskogee, Y-97, k

17 Tr

2015 CFCA 105.3 ON Kitchener, MASE Radio

network

A net with other stations? (Dunno, I have never heard

of that before-gc)

2023 CKGL 96.7 ON Kitchener, rock and KG-96,

must be them (Sorry, they do not use that slogan, and

are country. I wonder who this could be, someone

new on the air maybe?-gc)

2045 WDHI 100.3 NY Delhi, rock

2051 WRQI 95.1 NY S Bristol, ID with Rochester

2230 WZBQ 97.3 CT Litchfield, testing with stereo

soft rock. Very strong. Began normal broad-

casting over 4th of July. CBS nx on the hour

18 Tr

0651 WARM 103.3 PA York, Warm 103

0657 WQXA 105.7 PA York, Power 105 70708

WWMX 106.5 MD Baltimore, Mix 106.5, no

problem from the Ledyard station

0718 WXYV 102.7 MD Baltimore, V-103

0722 WDAC 94.5 PA Lancaster, weather

0741 WQSR 105.7 MD Catonsville

JULY 1992

4 Es

1950 WVFJ 93.3 GA Manchester, Joy-FM1

1952 WBLX 92.9 AL Mobile

12 Es

2012 Barely to FM (and very weak on TV) but did see

an ID slide from TX on Ch4. Checked FM, almost

nothing but did hear and tape Spanish music for about

20 seconds on 93.3! I'll bet my dog it's Mexico again

but this time I'll never know. Just music with a girl

singing in Spanish. (Hate to disappoint you, Mike, but

Port Arthur, Tex. on 93.3 is now Spanish, KLTN "Radio

Latino" I believe the slogan is. Could've been them if

you were getting Texas on TV-gc)



MIKE CHERRY'S REPORT continues

MAY 1992 DX

4 Tr
1938 KSKD 107.1 OR, local ad m 324
1953 KHPE 107.9 OR, K-Happy gm 320
23 Es
1057 KYDZ 90.1 WY, could only ID "DZ"
tentative
1059 KKX 96.1 WY, wx, ID\$
1100 KCTR 102.9 MT Billings best k 735
1103 KSAT 107.3 SD gr with DJ \$
1104 KDPR 89.9 ND end NPR n\$ 964
1113 KMPR 88.9 ND // 89.9, wx, c\$ mx 1012
28 MS
0626 KBSU 90.3 ID "BSU" over KMSUI 499

JUNE 1992 DX

13 Es
1251 KEPC 89.7 CO funk ID ph# 1157
1256 KRYT 107.9 CO K-Rite, wx\$ 1187
14 Es
1008 KLOH 88.1 CA, blues, ID, promo\$
19 Tr\$
0629 KBOO 90.7 OR high school sports
scores ID over semi-local KBER 5 min 236
27 Tr=Vancouver, BC
2000 KLCC 89.7 OR ID jazz\$ 379
2008 K201?? 88.1 WA xtr of KP.LU
very weak 10 watts! 101
2010-2200 relogs North Central Oregon

Not DXing FM very much anymore. I'm concentrating on 5 meters and 45-75 Mhz TV DX mostly. Most of my FM DX is done while away from home. The few openings caught from home have been while checking the MUF. Nice to have a little Es on FM - this year has been slightly better than average for Es - certainly better than last year (I am glad skip was good somewhere at least - gc). Hope everyone got some new ones on FM this summer. 73\$ Mike VE7SKA

STEPHEN WEST - 26 DOUGHERTY BLVD G8 - GLEN MILLS, PENNSYLVANIA 19342
N3FYO, (215) 358-2648

MAY 1992 DX

20 Tr
0720 WZZU 93.9 NC Burlington
WZNS 92.9 SC Dillon
WQOK 97.5 VA South Boston-Raleigh
WOBR 95.3 NC Wanchese
22 GW
1700 WHHS 107.9 PA Havertown, new freq.
from 89.3

JUNE 1992 DX

2 Tr
0230 WOBR 95.3 NC Wanchese
FROM KILL DEVIL HILLS, NC
1000 RJR 90.5 Jamaica
1000 KIEP 88.5 TX El Paso (1760)
KEOM 88.5 TX Mesquite
KNTU 88.1 TX Denton-Dallas
KERA 90.1 TX Dallas
FROM GLEN MILLS, PA
17 Tr
0300 WOBR 95.3 PA Wanchese

installed an FM car signal amplifier and overload reducer to the SA-222 stereo in the car. Works great even in Metro areas. The Radio Shack FM auto amplifier is worthless. Antenna specialist and Winegard auto FM amps work well. Installed a Heathkit crystal filter (not ceramic) from an old AR-15 super-tuner to the Technics SA222. It had the same loss as the ceramic ones in the SA22, was about as sharp as a 180. The audio quality was a little better with the Heath crystal filter. The ceramic filters 150s I ordered have a small "D" on bottom, some have "F". The "F" ones are sharper than the "D"s.

SAUL CHERNOS - 79 RIDGE DRIVE - TORONTO, ONT. M4T 1B6 (TEMPORARY)

JULY 1992 DX

2 Tr (east Toronto/Scarborough bluffs)
0946 WNTA 89.7 NY Jamestown
0947 CELZ 91.9 ON Niagara Falls
0947 CFMO 93.9 ON Ottawa
0953 WSPW 99.3 NY Seneca Falls
1038 WMAX 106.7 NY Irondequoit
1055 WCIH 88.5 NY Spencer, g // 90.3
1055 WCIH 90.3 NY Elmira, g // 88.5
1057 WNYO 88.9 NY Oswego
1058 WKPQ 105.3 NY Hamell
1108 WCPN 90.3 OH Cleveland
1109 WGCC 90.7 NY Batavia, pr, 90.7
1126 WNNR 103.5 NY Sodus
1135 WAAL 99.1 NY Binghamton
1139 WNTQ 93.1 NY Syracuse, 93Q

JULY 2nd trap cont.

1140 WZOS 96.7 NY Oswego
1141 WGES 105.5 NY Oswego
1144 WPCX 106.9 NY Auburn
1147 WQNY 103.7 NY Ithaca, Q104
1148 WKGW 104.3 NY Utica, KG104
1148 WICB 91.7 NY Ithaca
1150 WSCG 90.9 NY Ithaca
1152 WLZW 98.7 NY Utica
1159 WACZ 93.9 NY Danville, Genesee Vty
1211 WISL 90.3 NY Houghton, g, not // 88.5
1227 WQXK 105.1 OH Salem
6 Es/Tr (central Toronto, east Toronto)
1445 Es on 90.7 90.5, 99.1, etc
1455 WCPN 90.3 OH Cleveland
1500 CKRZ 100.3 ON Oshweken

SAUL CHERNOS' report continued.

July 6th Tr continued

1500 C... 91.9 ON Toronto, see notes
1649 WKAR 90.5 MI East Lansing
6 Es (Peterborough)
2026 KPLV 93.3 TX Port Lavaca, Country 93
2028 KITT 93.7 LA Shreveport
6 Tr (Burnt River)
2300 WKLO 94.5 MI Holland, "KLQ"
9 Tr (Burnt River)
0728 WRVJ 91.7 NY Watertown
9 Es (Peterborough/BR)
1014 WMNF 88.5 FL Tampa (P)
1040 WNFH 94.3 FL Lake City, B94, (BR)
9 MS, BR
1038 CKMF 94.3 PQ Montreal, FF "Montreal."

JUNE 16 Tr (BR/P)

2145 WCIH 90.3 NY Elmira, g // 88.5 (BR)
2250 WOKO 98.9 VT Burlington (P)
17 Tr (Toronto)
1730 C... 91.9 ON Toronto (central TO)
2023 ... 91.7 ON Scarborough (see note)
2029 WKQI 95.5 MI Detroit, Q95 (ne TO)
18 Tr (Bluffs/central TO)
0030 WYTN 91.7 OH Youngstown, g (bluffs)
0104 WJMO 92.3 OH Cleveland, Jammin 92
0125 WRKT 100.9 PA North East, Rocket 101
0857 WMCE 88.5 PA Erie, fm (central TO)
0905 WCTL 106.3 PA Union City, g, Life 106.3

WFMS FM
Country Music

An early start to the Es season and a really early end. 1992 ranks as the most bizarre year I've had since I started DXing in 1975. July had 5 minute openings on TV2 - real short stuff like August. And there's been no long haul tropo. The weather has been weird - not one heat wave. The 91.7 was at Warden Ave and Bridgetown Circle in Scarborough and I was as York Condominium Corporation (YCC) 129 and gave info about swimming pool and other condo features. I was in a parking lot waiting for a friend. Do we count these under WFDAs statistics guidelines? (I think you can count them Saul, but I am not positive. Anybody know? - gc). CPLZ is a new Travelers Information Station on 91.9. I can get as far away as 30 minutes car ride from Lindsay, Peterborough, but I can't yet pull in at Burnt River on rotor, even though it's a good direction. I haven't tried much yet, though. The two 91.9 Toronto stations are likely the same thing - the annual Molson Indy car race station - with the first logging probably a test. It had lame mono music. The Es gods stuck it to me good July 6, 8, and 9. I get a second Es opening June 6 when I am back in Peterborough River (thanks for your earlier call, Greg C.) and I hustle into the car and head for BR. Five minutes later, it's shot from TV2 to FM. I get a couple loggings, and it's gone completely by the time I get to BE, an hours drive away. On July 8 I have no sign of anything on TV at 0930, so I head home. Sure enough, I hear talk on 88.5 about the CIA running drugs to finance its covert warfare operations in central America and an ID as WMNF Tampa. I do a U-turn and manage to snag WNFH inside BR territory. I also logged CKMF in a valley on a real clear burst, CKMF was in very weak on Tr at higher elevations! On July 9 I get MB on 2, so I head to BR area but nothing happens for hours. Nothing on TV when I return. Maybe there's still time for late season Es and some decent long haul. With no full time or serious freelance prospects in Peterborough, I'm planning to move to Toronto, media capital of Canada, on Sept. 1. I think I'll be living downtown but will use my parents' address for mail until I am settled down. 73's Saul

JIM RENFREW - 61 WILCOX ST - ROCHESTER, NEW YORK 14607

(716) 461-2717 Home, (716) 494-1847 (work Tu & Th), JVC auto radio. Miteage Fred's printers EDT

JUNE 1992 DX

25 CW
1050 W238AB 95.5 NY Rochester WRQI 95.1 xtr.
replaces 105.5 translator. Strong, probably 10
watts. think they are 48 watts Jun gc. It
carries much better to my primary listening post
in Bergen than the 105.5 ever did (darn). State
receptionist says they put it in to cover the
Pinnacle Hill area of Rochester (the FM/TV ant.
farm clearly visible from my front porch) where
WRQI reception is usually destroyed by overkill
from other locals. After losing one prime DX
req. imagine how shocked was to find WRQI
on a third channel on July 9 105.9. Flat sound,
but strong. Same receptionist said they were
doing work on the transmitter in South Bristol.
Quite a spec. 45 miles away! Now gone 10

JULY 1992 DX

7 Es (all west 107.3)
4 ZBA 104.9 MS Moss Point, Big Country 1066
412 WGUD 105.9 MS Pascagoula, Good 106 1069
415 WMBV 91.9 AL Duxons Mills, religion ID
and weather address given. STATE 20 947

JULY 7 Es continued

1417 WABB 97.5 AL Mobile calls rock ID 1037
1420 WMAU 88.9 MS Bude PRM. ancient 1087
1424 WYDH 105.9 AL Azumore "best huz
Y 105 WYDH 998
1429 WSSY 97.5 AL Talladega, "Sunny 97"
in for just a moment over WABB 910 watts! 814
13 Ms Tr
0442 WTOR 104.1 NC Winston Salem seemed to
be MS (I'm still trying to figure how MS is different
from TrS. I'm calling this MS because there was no
other sign of them before or after STATE 21.
It does sound like this was a MS burst gc, 506
0500 WCID 89.1 NY Friendship, Family Life 70
0717 CITE 107.3 PQ Montreal, error in FF
no ID u. WRCK WDBA WNWV 258
15 Tr (Ex 1107 1130 EDT, MUE 3)
2212 CELZ 91.9 ON Niagara Falls "Visitors and
Information Radio Service" tape loop. Anybody
know the power? (Thanks to tip from Dave
Nieman) (Note the calls Jim-gc) 75

WELCOME NEW REPORTER!

ALAN R. MILLMAKER - 2714 LAKE RD - CENTRALIA, ILLINOIS 62801 (KA9GUL)

Equipment Realistic STAV 3200, (7 gc) 3030 Winegard CH6065 up 20 feet, Armstrong rotor, realistic 0-20db amplifier All stations are new

JULY 1992

9 Tr
0006 WDDD 107.3 IL Marion
0024 WUEZ 103.5 IL Christopher
1400 WKBB 106.5 IL Granite City
10 Tr
0206 WIBI 91.1 IL Carlinville
0214 WIL 92.3 MO St. Louis
0500 WSEI 92.9 IL Olney
0502 KSHE 94.7 MO Crestwood
0504 KSD 93.7 MO St. Louis
0518 KHTK 97.1 MO Florissant
0601 WGEL 101.7 IL Greenville
1201 KLOJ 103.3 MO St. Louis
1402 KYKY 98.1 MO St. Louis
1426 WMBX 94.1 IL Mount Vernon
1436 WJBD 100.1 IL Salem
1444 WRXX 95.3 IL Centralia
1500 KFUD 99.1 MO Clayton
1600 WFXB 101.1 IL E. St. Louis
1602 KEZK 102.5 MO St. Louis
1956 KGMO 100.7 MO Cape Girardeau
1901 KEZS 102.9 MO Cape Girardeau
1907 WCIL 101.5 IL Carbonate
2000 KTJJ 98.5 MO Farmington
2103 WFRX 97.7 IL West Frankfort
2201 WWYN 106.9 TN McKenzie
2300 WQRL 108.3 IL Benton
2302 WTAO 105.1 IL Murphysboro
2339 WEZS 95.1 IL Benton
11 Tr
0128 WYNG 105.3 IN Evansville
0143 WRUL 97.3 IL Carmi
0154 WSTO 96.1 KY Owensville
0200 WOOZ 99.9 IL Harrisburg
0632 WKDQ 99.5 KY Henderson
0658 KRJY 96.3 MO St. Louis
0717 WCBW 104.9 IL Columbia
1300 WQGN 95.9 IL DeQuom
1501 KMJM 107.7 MO St. Louis

JULY 12 Tr

0025 WFMB 104.5 IL Springfield
0031 WDBR 103.7 IL Springfield
0059 WNNS 98.7 IL Springfield
0200 WCRC 95.7 IL Effingham
0547 KTXV 106.9 MO Jefferson City
0555 KZNN 105.3 MO Rolla
0656 WBFG 97.7 IL Effingham
2359 KATZ 100.3 MO Alton
13 Tr
0500 WKRV 107.1 IL Vandalia
0513 WHMS 97.5 IL Champaign
0524 WLRW 94.5 IL Champaign
0600 WLBH 96.9 IL Marion
0627 KGRC 92.9 MO Hannibal
2251 WVJC 89.1 IL Mt. Carme
2357 KJEZ 95.5 MO Poplar Bluff
0123 WDDJ 96.9 KY Paducah
0142 WKYQ 93.3 KY Paducah
2212 WBVN 104.5 IL Carriers Mills
2322 KKLK 94.5 MO Poplar Bluff
15 Tr
0101 KAHK 96.7 MO Poplar Bluff
0600 WQTY 93.3 IN Linton
1853 WIKK 103.5 IL Newton
2244 WAKO 103.1 IL Lawrenceville
2248 WIAJ 99.1 IL Danville
2259 WZZQ 107.5 IN Terre Haute
2324 WMGI 100.7 IN Terre Haute
16 Tr
2300 WKKO 100.9 IL Pana

WZZQ
COUNTRY 107

I started all over on my DXing. I have more, but my new Atlas hasn't arrived yet, and I have over half a dozen that are unID. There is a frequency here that is rumored. WRXX Centralia, 95.3. 3 kw. they leave their transmitter on from 9PM to 6AM with no audio. This should be a violation. WBVN was on 7/14/92 on 104.5 with Christian programming. They were asking for donations to be sent to their Marion, Ill. address. They signed off at 2300 on 7/14/92. The Realistic STAV-3200 receiver is a lousy receiver for the DXer. The selectivity is only noted at 60db. My Lafayette 3030 is about as bad, and the dia. is off 1 to 2 khz. 73's.

K T H S T F F L E C K E F T T E A S H A

WTFBA 1992
CONFERENCE
PITTSBURGH MOTEL



B94

WWSW 94.5 FM



JUKY FM



MICHAEL HAWK NOOSY - 10212 P ST - OMAHA, NE 68127-2130 (402)592-1186

Equipment Kenwood KT 815 IF Mod., Antennacraft FM-10 up 30', RS 20 dB variable attenuator and occasional use of RS rabbit ears for simple phasing.

JUNE 1992 DX

30 Tr (KLDZ 95.1 OFF AIR)
2350 KICT 95.1 KS Wichita, KICT 95

JULY 1992 DX

6 Tr
0805 WSTF 88.7 IL Edwardsville, j
0807 WBEA 97.5 IL Pittsfield
0809 KMJM 107.7 MO St. Louis, Magic 108
0815 KBBB 102.3 MO Canton, o
0818 KRJY 96.3 MO St. Louis, o; Juice Box 96
0822 KCLC 89.1 MO St. Charles, jazz
Lindenwood College stn
0827 KSHE 94.7 MO Crestwood, K-She
0829 WWTI 96.7 IL Virden, o
0836 WYMC 100.5 IL Jacksonville, o
0844 KKKY 107.5 CO Lakewood, Mix 107.5
0847 KRFK 103.5 CO Denver, The Fox
0853 KQSE 97.5 NE Chadron, Q Country
0856 KQNE 91.9 NE Chadron, NF Public F
0859 KVOD 99.5 CO Denver, Classical Voice
of Denver
0929 KUAD 99.1 CO Windsor, K-99
0927 KQRS 104.3 CO Longmont, KS-104
0939 KMMK 104.7 CO Sterling, NW CO wx
600 heard on FM

7 Tr

1055 WCCN 107.5 WI Neillsville, ID
1100 KNSR 88.9 MN Collegeville, NPR
1101 KEEY 102.1 MN St. Paul, k
1102 KSNJ 99.5 MN Minneapolis, c
1118 KRGR 99.3 MN Albert Lea, or; ID; did
they move from 94.9, or is this just
someone running //?
1122 KRCH 101.7 MN Rochester, lcl ads
1359 KCMR 96.7 MO Columbia, hrd KCM?
7 Tr (1312-1412; 1923-2010 MUF 107.7)

7 Tr

1312 WSHA 88.9 NC Raleigh, ID
1316 WJFR 88.7 FL Jacksonville, Family R
1322 WQDR 94.7 NC Raleigh, k
1323 WFEZ 92.1 FL Williston, lcl ads
1330 WKFX 96.7 NC Roxboro, k; Kicks 97
1335 WONE 98.1 FL Titusville, 98-frog

7 Tr (cont)

1412 WPCV 97.5 FL Winter Haven, 97
Country
1925 WUTC 89.1 SC Aiken, ID
1930 WAKE 96.7 GA Wrens, //1480 AM
1942 WJCL 96.5 GA Savannah, k; Kicks 96
and y; mentions of Savannah
1943 WJTV 95.5 GA Savannah, very strong
2000 WLPT 88.3 GA Jessup, ID mentioning
many //s in a GA mini-network
2006 WIVY 102.9 FL Jacksonville, Y 103
9 Tr
0053 KEYN 103.7 KS Wichita, lcl KXRT off
0112 WMS 97.5 IL Champaign, Lite Rock
0119 WIAI 99.1 IL Danville, k
0125 WCCI 107.5 IL Chicago, GCI
0137 WJHN 96.7 IL Normal, Oldies 96
0141 WDOZ 95.1 IL Decatur, k; 95-Q, KLDZ
off
0154 WCAZ 92.1 IL Carthage, Z-92
0159 WBEF 97.7 IL Effingham, USA nx; g
0207 WJCH 91.9 IL Joliet, g
0210 WOCY 99.5 IL Quincy, r; ada
0216 WZZQ 107.5 IN Terre Haute, r, ZZZQ

14 Tr

1005 KCHE 92.1 IA Cherokee, ID
16 Tr
0817 WLSU 88.9 WI LaCrosse, ID
0830 KQNS 101.9 IA Waterloo, g. o/KFMQ'

16 Tr

2050 MUF hit FM for about 20 seconds

18 Tr

2016 WWOV 88.1 VA Hampton, in & out to
2100, w/unID's to 94.9

22 Tr

2109 KCKS 95.3 KS Concordia, KC Royals

31 Tr

1100 [KNOD] 105.3 IA Harlan, new freq, \$

1 Tr

1848 MUF to 88.7, lasted 15 seconds

E-skip continued very poor during all of July. Even on 10 meters (28 MHz), it rarely opened during the first weeks of July. The 10 meter buffs had been considering this season to be the worst in several years, but the last few weeks have made a strong comeback (but none has hit FM!!). 6 meter (50 MHz) operators have had a fairly pretty good year so far. For me, June 22 to July 13 had 1 skip day hit FM, and few days even hit TV. Strangely enough, there was little solar activity during this time period, and the little there was didn't hit very hard, so there were few geomagnetic storms. We've gotten 10" of rain this month, and temps have been very cool (60's to low 80's). Because of this, tropo hasn't been good lately. Let's hope the Perseids was a good one! 73

STATION NEWS: In Geneva, Ohio, 104.9 is now WKKY, and country music. I have noted them both satellite and local. 106.1 Guelph, Ontario is now CIMJ, "Magic 106.1", and adult contemporary. Fans of the old CKLA music of your life format were upset. WBQQ 99.3 Kennebunk, ME is on the air. WIXC 97.3 Essexville, Mich. is on the air, with country "Kixie Country". Switching to country, is 93.7 Grand Rapids, not WBCT "B93". Also Grand Rapids, WLA 96.9 is now modern rock "Radio Grand Rapids". WLKI 100.3 Angola, IN is indeed now on that frequency. Drove by tower and studio of new 90.1 Upper Sandusky so should be on soon-will be religious apparently. 104.9 Lima is now "Mix 104.9", a/c. Both WKFR 103.3 Battle Creek, Mich. and WELL 104.9 Marshall, Mich. are silent. In the Albany area, 96.7 has new calls, and a "Capitol 96" slogan, a more adult based top 40 approach. WKJN 105.9 Lewes, DE has widely been reported being on country, "Kicks 106". Thanks Mike Hawk, Paul Mount, George Greene for information.

NORTHERN FM DX

SEPTEMBER 1992

BRUCE HALL - 5 STIRTON AVE - BRANTFORD, ONTARIO CANADA N3T 1E2

Equipment: JVC JRS201, modified with 3 110 khz filters Sleuth 205, Probe 9 fed with RG6 at 50' AGL. Crown rotor Distances are in kilometres

JUNE 1992 DX

13 Es
2115 KDHT 92.5 CO Greeley, k\$ "Real Country on KDHT 92.5FM" Unreported last month sounded like KDAC careful, review of tape now sounds like KDHT

JULY 1992 DX

13 GW TR
0729 CFLZ 91.9 ON Niagara Falls "You're listening to CFLZ 'C-Falls' 91.9 broadcasting from the top of the Skyline Tower" 99
0754 CMIJ 106.1 ON Guelph r\$, "Magic 106.1" Moody Blues mix ex CKLA, music of your great aunt's life 79
0818 CJEZ 97.3 ON Toronto rm\$, Late 97 New non ID for them 80
1015 CKLH 102.9 ON Hamilton rm\$, K Late "Continuous live hits", new non ID from K103 40
1933 WPHD 94.7 PA Tioga, op PHD Elmira 296

16 Tr
0736 WUPS 98.5 MI Houghton Lake, r 98 1/2 WUPS Mi Pleasant-Cadillac-Graveling" sung out 391
0746 WNCG 100.9 OH Clyde o Gold 101 Ex new non ID from North Coast Gold 308
23 MS
0646 WMTM 93.9 GA Moultrie g\$, "7 miles south of Moultrie", local ad, Thanks Matt 1371
24 Tr
0059 WNNR 103.5 NY Sodus op\$ Winner, "It doesn't have to be old but Classic Rock & Roll is WNNR" 242
0110 W238AB 95.5 NY Rochester, op translator of WRQI 95.1 at 48 watts Rocket 95 Thanks Greg for the Rochester loggings 192
29 TrS
0700 W238X 99.7 OH Columbus r\$ The Blitz legal ID, ex WMGG Magic 99.7 433

Talk about solving people unids and mysteries, Matt goes to great length to help DXers unids for his CCI column. Would you believe a personal visit along with NFM editor to review my tapes. Unbelievable! Thanks for the help guys and the 3 new loggings. I hope the rest of your tour to Fort Wayne was a success (Bruce we got lost in Van Wert. I didn't have George Carlin's number to call and get directions go. Testing going on 97.5 south east of me. Also caught them playing Corey Hart music but no ID's or idea who they might be. That is weird. It is hard to believe they could squeeze one in there but I guess you never know go.) 73 dB

HARRY HAYES - 9 HENRY STREET - WILKES-BARRE, PENNSYLVANIA 18702

Equipment: GE Superadio II modified w/110 filter, 9 element Jerrid FM yagi in attic

JULY 1992 DX

11 Tr
0205 WNBZ 104.5 PA Wellsboro, strong 90
12 Tr
0200 WIKZ 95.1 PA Chambersburg, 120
0244 WSRD 104.9 NY Johnstown, oldies, weak
WWDI local station off the air 110
0257 WKPQ 105.3 NY Hornell, NESE net

JULY 18 Tr

0200 CMIJ 100.3 ON Ottawa, ID, Magic 100, fair, fadey 220
0207 CKBY 105.3 ON Ottawa, c/w music 220
1700 WRTI 94.9 PA Wilkes Barre, this is on repeating WRTI Philadelphia with jazz mix Has unknown translator calls. Loud signal but fortunately not super strong as there is no problem with 94.7 or 95.1
31 GW
WRTI 105.9 xtr for Scranton, this now on xiting WRTI also, weak signal and goes completely out with antenna to east where Newark/Hartford



Five minutes of E-skip was observed up to about 99.5 into the Dallas TX area, I believe on the 18th (There was some skip that day-go). I didn't actually hear any IDs. This is a new non-DX record for any July. Is this a poor season? (For most of us, yes-go). Well lets just say I have my AM DX set up set up already and its only August 2nd. I have to DX something. Also sunbathing is out of the question this summer, it's always raining, hi. Regards

GREG CONIGLIO - 5100 GLENWOOD DR - WILLAMSVILLE, NEW YORK 14221

Equ. pment: see previous VJDs

Not much DX to report this time. Did note two call changes. 104.9 Geneva OH is now WKYY (country), and 97.1 Guelph, ON is now CMIJ, "Magic 106.1" and a/c B/r received often CMIJ semi local. Also ogged the new W238AB 95.5 Rochester (x-WRO 95.1) on July 17th, 48 watts and it is in almost all the time at 58 miles with a decent signal. Had some skip on the 8th at 133 KRTS 92.1 TX Seabrook with class cal mix. 2123 had WETA 90.9 DC Wash not in the waiting skip maybe backscatter? (290 miles, 2149 had KZB, 95.9 LA Net chiches with a letters. 2154 WLSA 90.7 Alexandria, legal ID. On the 8th, had brief skip 1100 KABF 88.3 AR Little Rock, legal and 1411 LA 95.5 OK Hugo with country and kicks 96. That's it what a rotten season. On the road noted some interesting things. 99.5 Buffalo near Sarnia, ON, not Detroit or Cleveland. Had Cleveland in good from Marsha 1. WOOD 105.7 Grand Rapids was obliterating Marysville, OH even in Upper Sandusky. Had CHRE 05.7 OH from Lima OH and WTCR 13.3 Wv from around Upper Sandusky 73, Greg

SOUTHERN FM DX

Danny Buntin
1312 N. Buntin
Stillwater, OK 74075

SEPTEMBER 1992

SOUTHERN FM DX is for reporters from: AL, AR, AZ, CA, CO, DC, DE, FL, GA, HI, KS, KY, LA, MD, MO, MS, NC, NE, NV, OK, SC, TN, TX, UT, VA, WV, & WY. Report this summer's DX today!

DEADLINE: 14th

ES BARELY SHOWS UP FOR JULY.

A short column due to the near total collapse of the July Es. Even the morning DXers were hit hard by July's steep downturn. Unlike previous lean seasons, at least the '92 season is distinguished for the unusually good quality in the loggings as reflected on the cover of the Aug. VUD. That peculiar distinguishing characteristic turns up again this month. One reporter managed to set a personal and club Es record off the tiny amount of Es he pulled him during July. Speaking of trop let's try to keep on the extra alert for it this soon coming up fall in case its extra good and haul in our share.

SOUTHERN FM DX would like to salute the remarkable Big Antenna Country located just to the north of Newkirk, OK. Antennas in that neck of the woods have their elements full trying to pull in such distant places as the Oklahoma City antenna farm, 90 mi. away, Tulsa 95 mi. and Wichita around 70. It's a great sight seeing time at least for DXers driving through. The homes' antennas are close enough to the highway to tell which way they're pointing. To add interest, nearly everyone has rotors positioned on the towers. So where do the antennas like to point? For the first miles north out of Newkirk it's roughly 50/50 divided between Oklahoma City and Wichita, KS. Nobody sees fit to aim for Tulsa. After a few more miles as the Kansas border is approached it gets interesting to see if any antennas are going to be loyally pointing to their home state stations. Nope, a few miles south of the Kansas border, all antennas can be seen pointing faithfully toward Wichita. Has anyone else thrown in antenna sightseeing as a part of a highway trip this summer? Big Antenna Country can surely be in nearly every state, not just the Plains.

Keith D. Pugh, 227 Martin St., New Hope, AL 35760

Equipt: McIntosh MR-78, Probe 9, RG6 coax

7/8 tr
2350 KNCX 99.9 AR Search, "Quick 99" 320
2354 KTCS 99.9 AR Fort Smith 445
2356 KOMA 92.5 OK OK City, o, ID 620
2357 KZBB 97.9 OK Poteau, ID 480
2359 KWEE 106.7 AR Trumann, s/off 240
7/9 tr
0000 WPKR 98.1 TN Millington, o, ID 205
(a regular, ex KYPR Osceola, AR)
0006 KCKX 103.9 AR Fayetteville 445
0009 KMCD 101.3 OK McAlester, ads, k, K101
0015 KHEA 94.1 AR Little Rock, "K Late 94"
0026 KZLE? 93.1 AR Batesville, "Mix 93.1"
7/9 tr
0029 KXFB 105.7 MO St. Genevieve 305
0031 KWOZ 103.3 AR Mountain View 320
0035 KMKC 105.7 AR Siloam Springs, lcl. ad 470
0039 KBEZ 92.9 OK Tulsa, ID 570
0040 KMWJ 90.7 MO St. Louis 350
0053 KKTZ 107.5 AR Mt. Rome, o, ID 360
0056 KXLT 105.3 KS Haysville, ads, 650
"FM105", prev. Es, KS is new tr state
0102 KAJX 105.1 AR Conway, ID 340
0105 KFTB 106.1 AR Fairfield Bay, m, ID
0110 KSTM 99.5 OK Henryetta, "the storm"
0153 KKKY 103.7 AR Little Rock, "K-Kick 104"
0217 KUAF 91.3 AR Fayetteville, c, ID
0227 KWYN 95.5 OK Tulsa, "K95", wx
0233 KEZU 104.7 AR Booneville, b, E2-105, Ft. Smith ref.
0240 KTYC 104.9 OK McAlester, k, "Brite 105" "Kissing Country", ID 550
0247 KLVV 98.7 TX Dallas, o, ID 600
0253 KNUE 101.5 TX Tyler, k, ID 530
7/10 tr

7/10 tr
0048 WIL 92.3 MO St. Louis
0052 KYKY 98.1 MO St. Louis
0100 WKKB 93.7 TN Atwood, \$, k, ID
0152 W237AG 95.3 AL Killen, 103.3 WKDF xtr, ads, ID
0200 WKDZ 106.3 KY Cadiz, "The Breeze"
0900 WQZQ 102.5 TN Dickson, b, ID
7/18 Es (brief)
1050 KGCH 93.1 MI Sidney, "93 Country"
7/18 Es (brief)
1131 CFMO 93.9 ON Ottawa, ID
7.21 trs
1102 KWYN 92.5 AR Wynne, nx-wx, ID
7.22 Es
1108 WING? 92.1 NY Sag Harbor
1124 WFOV? 90.7 NY New York
1128 WTSX 96.7 NY Port Jervis, "WORS-WTSX"
1131 WYTK 94.9 MA West Yarmouth, ID
1147 f/out
7/27 Es (brief)
1205 CRHJ 93.1 NB Fredericton, "KHJ"
8.6 Es, spotty.
1030 WOME 96.7 ME Boothbay Harbor, ID
1031 WVIA 89.9 PA Scranton, #655-2808
1033 UNID 103.7 x, (MUF)
1938 WNGX 93.1 ME Portland, ID
1038 WXLG 93.9 ME Lewiston
1039 WROM 94.9 NE Mt. Washington
1040 sudden f/out
This was nearly the worst July Es ever. Compares to July 1988. An interesting season though, short as it was. Glad to get the long haul tr (long overdue) on 7/3 and 7/90, cont..

Was confused on KOMA 92.5 OK City, ex KKRG. At first I thought it was a call change for KPRV Heavener, OK, which would've been a new log. Never expected to hear Kansas by trop. Oklahoma seems to be a rare path. But it was strong time. Hope others had better Es luck in July.

Jim Pizzi, 814 Brookhill Dr., Paso Robles, 93446

1/4/92 Es
1027 KTTS 94.7 MO Springfield, calls
5 2; Es
1910 KRKA 94.1 MT Billings, calls
1912 KZLS 97.1 MT Billings, "Billings 297"
1914 KIDA 98.5 MT Billings, oldies rock
1915 KCTR 102.9 MT Billings, k
1940 KDZA 96.5 MT Glendive, folk type rock,
Magic 96
1942 KGCH 93.1 MT Sidney, k
1943 KQHL 95.5 MT Hardin, calls, Little
Big Horn college promo

6/19 Es
0902 KTTS 94.7 MO Springfield, ads
0908 KWEN 95.5 OK Tulsa, tent. k
0917 KECO 96.5 OK Elk City, tent, k
0927 KRAV 96.5 OK Tulsa, calls

6/19 Es
1102 KMMH 96.7 NM Maljamar, comm. callendar
1107 KSFX 100.5 NM Roswell, calls
1109 KZOR 94.1 NM Hobbs, calls
1111 KPFE 95.7 NM Hobbs, k
1113 KBIM 94.9 NM Roswell, ads, wx
6/21 Es
1319 KAJA 97.3 TX San Antonio, calls 1327
1326 unID 94.1 TX, MX?
6 24 Es
1952 KVTI 90.9 WA Tacoma, "I 91"
KMHG 89.5 WA Seattle, tent. rap mx

tr
KIDS 94.7 NV Carson City, calls, k
7/11 Es
1026 KMHG 89.1 OR Gresham, calls, jazz
1029 KISN 97.1 OR Portland, ads, calls
tr
1033 KNEV 95.5 NV Reno
1556 KWNZ 97.3 NV Carson City

Not too much happening here. It was good to hear an opening into s.e. New Mexico on the 19th of June. The old home area getting more crowded on the dial. Still fun fun to DX the FM even here in this congested area. Seems like a slow ES summer in these parts. Maybe better elsewhere. 73's. (It sure wasn't. DB)

Chester P. Royster, WB4OHC, R.F.D. Box 223, Freeman, VA 23856

Equipt.: Pioneer TX-8100 tuner (IF modified with 3 150 kHz filters) Quad of FM 13s at 20' and 16' with vertical halves running into the Bolin phaser, signal sleuth 205 preamp on one line and 24 db amp on the other line.

7/26 gw/tr
(All stations were received as a result of phasing.)
1405 WDOO 95.3 DE Laurel 169
1412 WEGX 106.1 PA Philadelphia 260
1428 WVES 99.3 VA Accomac 129
1431 WFST 107.9 MD Annapolis 165
1440 WQHQ 104.7 MD Ocean City 179
1457 WBSR 104.3 MD Baltimore 183

The quad is about 6' lower than the former setup. I probably need to raise this array to at least 30' before it will operate efficiently. However, it does a better job on nulling high powered stations (100,00 watts @50 miles when the array is pointed directly at them. For example, I can null WVEA on 88.9 and get WEEA in Baltimore whose power is 12,500 at 67 meters at a distance of 180 miles. I constructed an FM-13 from some 20 year old scrap antenna parts. Surprisingly, this FM-13 is more directive than your regular FM-13. In fact, the F/B ratio is significantly higher, and this antenna will run circles around a normal FM-13. However, some of the elements are a little crooked and the directors are a tad longer and shorter. But it works to perfection! 73's and good DXing and phasing.

Tom Yingling, Jr., ARS: KA3TOC, 221 Pinewood Road, Baltimore, MD 21222 2345

Hi there, I got some little FM DX to report when I was on vacation at Kill Devil Hills, NC. Since last year when my 2 tripods were damaged in a thunderstorm, I have not done much FM DXing since then. I was down in NC with Steve West (ARS: NJ3FYP) at the First Flight Inn Motel, on the second floor. The receiver was my Icom IC-R7000. (That has got to be a mighty nice unit all in one. DB) The antenna was a two foot whip only.

6/13 Es
1028 RJR-FM JAM Montego Bay, IDs as RJR-FM
6, 14 Es
1000 KTEP 88.5 TX El Paso
1001 KCOM 88.5 TX ?

6/14 Es
1006 KFTU 88.1 TX Denton
1009 KPFT 90.1 TX Houston
1012 KERA 90.1 TX Dallas

This is my first time to have FM skip at Kill Devil Hills, NC on the Icom IC-R7000. I was surprised to get it with just a 2' whip. Back home I have a Pioneer TX-9100 with just the lead-in as antenna! Last year on 7-6-91 a thunderstorm took down my Probe 9. The tripod was blown off the roof on to my mother's car. It punched a hole in the roof! We had the car fixed by putting in a sun roof! We usually have more interest in the TV DX, and FM takes a back seat. 73's for now.

John Jefferson, 4104 Spyglass Ct., Antioch, CA 94509-6051

The season started well in May, but June was awful and July worse. 3 new skip loggings in July, despite the fact I was only working about 2 days a week and so had all sorts of time to DX. But 7/27, I started a new job and have missed a big opening 8/15 and another into the FM 8/7. Underlined are new; @ means new to Antioch.

6/24 Es
1924 KCLV 99.1 NM Clovis, calls
7/3 SL
0749 K202ER 103.5 NV Reno, KCJH calls 135
7/6 Es 885
1159 KSNM 98.7 NM Truth or Consequences, ID
7/7 Es
0731 KYYA@ 93.3 MT Billings, local ref. 780
0743 KRKX 94.1 MT Billings, program promo
7/12 Airplane Scatter 160
1607 KJET 106.1 CA Kingsburg, //KIDR 91.3

The new XHH Hermosillo appears to be bilingual, with announcements in Spanish and English. They claim 50kw. Alas, the last letter was completely lost under local KZYX Philo. XHME offered a degree of redemption for a poor season, as it is a personal distance record for August, and I believe a club record for 89.5.

The 6/24 opening was strange (as started upon in last month's report) From 1612, when KMML first appeared, until 1901 nothing was heard below 94.7, although the skip was out to the top of the band with somebody through local KXQA 107.9 at 1819. From 1901 onward, the low end of the band had signals, but it was dead above 100.7.

Danny Buntin, 1312 N. Skyline, Stillwater, OK

Equipt.: Onkyo T9090 modified with two 110 kHz filters, Probe 9 up 30' and rotor

8/10 tr
1818 KQNS 95.9 KS Lindsborg, wx, "Q-light 96"
1831 KSNP 95.3 KS Burlington, "Coffey
County's best"
1900 KSJQ 92.7 MO Savannah, ID 275

The summer here sure turned unusually cool and wet. In central Oklahoma, August lawns turn brown, if not watered. This summer everyone has green and growing lawns whether they like it or not. The off beat weather hasn't helped trop much, so far, but at least it has helped add a few new loggings for my totals. To clarify my report from last month, all loggings were tr, no Es. Until next month, 73.

WANTED:

HOST FOR WTFDA CONVENTION 1993

IT'S ALMOST TIME FOR WTFDA CONVENTION '92 IN PITTSBURGH, BUT WE'RE ALREADY LOOKING AHEAD TO 1993!

IF YOU WOULD LIKE TO HOST OUR CLUB'S '93 GETTOGETHER, SEND A BRIEF SIGNED NOTE TO

WTFDA Board of Directors - c/o P O BOX 514 - BUFFALO NY 14205-0514

IF MORE THAN ONE BID IS SUBMITTED BY SEPTEMBER 30, 1992, A MEMBERSHIP VOTE WILL DECIDE THE 1993 CONVENTION SITE. IF ONLY ONE BID IS RECEIVED BY THE ABOVE DATE, THAT BID WINS. IF YOU HAVE CONSIDERED HOSTING THE CLUB CONVENTION, NOW'S THE TIME TO PUT IT IN WRITING

EASTERN TV-DX

September 1992

Off 3 months

Bill Nienajadly/N20JL
PO Box 2999
Clifton NJ 07015 2999
201-478-3044
No collect calls
Deadline the 5th

Welcome to another episode of 'The E-Skip vanishes'-in this chapter, we find a bunch of WTFDA-ers disputing if E Skip is just a myth or if it really does take place after all.....

Tropo on the other hand, usually occurs pretty frequently in the mornings and after sunset out to 200 miles or so and that's it. Right? Wrong. Not in this issue. Though E-Skip has been less than fruitful (to put it mildly), we have first class TROPO with outstanding loggings & tropo DX very uncommon for July. Check these out....Christopher Dunne had over 1000 miles tropo to PR from his FL DX spot...and it was WKAQ ch 2 a lowblander!...John Combs also in FL had 858 mile GULF Tropo to TX (very uncommon for July)....Maybe Tom Yingling logged Canada via tropo on his DXpedition in NC...And...Ed Phelps has some excellent tropo loggings from his KY DX spot...stuff like KRRT 35 TX 787 plus many loggings in the 700 mile range. Healthy Stuff

Jeff Kruzka of LA (WTVDX territory) wrote to say his Mitsubishi 4 head, model HS-L31 VCR has off/on video muting and that it is very good for E-Skip recording-Thank for answering the question I asked in ETVDX recently. TV DXers are welcome to comment on their equipment as this helps out others new to DXing. Also Doug Smith comments later on about DXequipment...On to DX.

Ed Phelps N2ZE Rt 2 Box 266 Benton KY 40225 502-527-2289 24 Hours a day

A day in a Life at N2ZE A list of daily stations
KETS 2 AR WTVX 2 IN WMPB 2 MS KTVI 2 MO WKRN 2 TN WSIL 3 IL WAVE 3 KY KYTV 3 MO WREG 3 TN WTTV 4 IN
WDBI 3 MS KMDV 4 MO WSMV 4 TN KSDK 5 MO WMC 5 TN WTVF 5 TN WPSD 6 KY WTVW 7 TN WBBJ 7 TN KAIT 8 AR
WSTU 8 IL WDCN 8 TN WAIN 9 IN WYVA 9 MS KETC 9 MO WTVG 9 TN WTHI 10 IN KOLR 10 MO WKNO 10 TN WBR 10 TN
KTHV 11 AR WMS 11 KY KPLR 11 MO WLJT 11 TN WSPA 12 AL WLLI 12 IL KPIV 12 MO WDEF 12 TN W2BV 12 TN WTVM 13 AL
WCEE 13 IL WSKO 13 KY WHBQ 13 TN WHBQ 13 TN WFLX 14 IN WMLW 15 AL WKPC 15 KY WXYT 15 MS KPOB 15 MO MUSI 16 IL
WMTU 6 TN WAND 17 IL WZTV 17 TN WLEX 18 KY WMAV 18 MS WMTT 19 AL KTEL 19 AR WLCN 19 KY WTTD 21 AL WENR 21 KY
WKML 21 KY WWTU 22 TN WKET 22 OH WOTE 22 TN KOSI 23 MO KNLN 24 MO WPTV 24 TN W2AE 24 TN WHIQ 25 AL WHTT 25 IN
WRTT 26 AL WTTT 27 IL WCVT 27 KY WLOV 27 MS W2BAI 27 TN WTTX 29 TN WTVT 29 TN WTVT 29 TN WTVT 29 TN WTVT 29 TN
WVAY 31 AL WKOH 31 KY WJLY 32 KY KSPR 33 MO WGBR 34 KY W3AG 34 MO W3AH 34 TN W3AH 34 TN W3AH 34 TN W3AH 34 TN
W3BAM 31 TN W3BAM 31 TN KASN 38 AR WBAK 38 IN WHTN 39 TN K39CP 39 MO WMBD 40 IN WJMT 40 KY WBYU 40 MS WDRB 41 KY
W3MS 42 AL WCLJ 42 IN W3AG 42 KY WVAL 44 AL WVEY 44 IN WRET 45 OH W4SCA 40 MO WGNX 46 GA W4SL 46 IL W4LE 46 KY
W4EAJ 42 TN W4FF 48 AL W4ET 48 OH W52AZ 42 IN WKON 52 KY WGBS 53 KY W53AF 53 MS W53AF 53 AL W54AE 53 KY W55AJ 53 KY
W5SP 55 IL W5IN 55 IN W5KY 56 KY WMTT 57 MO W5IN 59 IN W5JP 60 AL W5DI 61 TN W5B2H 61 KY W5IB 63 IN W5B6 63 GA
W5TR 64 OH W5JC 65 KY W5EF 65 TN W5B6 68 AL W5B6 68 TN W5LE 69 GA

This list shows what can be seen from here on a summer day. Winter conditions are not as good. I hope this list will help those looking for these stations. I'm here most of the time, so don't hesitate to call if you want help.
(Ed Comments: I'm sure DXers from ETVDX and WTVDX will appreciate it, heh I guess you don't need cable TV-BN)

5/20 Tr W27AR IN 242 WTHR 13 INDY	6/14 Es KOLH 4 NE 672 K64DT MO 160 K49CG AR 272 K66BK AR 275 W688M TN 50	6/16 Tr KSHS 67 TX 650 KOLN 45 TX 651-SS KNCI 46 TX 668 KXAN 36 TX 705 KLRU 18 TX 706 KXXV 25 TX 638 KAGB 29 TX 775 KTAB 32 TX 712 KRRT 36 TX 787 KRTT 36 TX 787	6/17 Tr KXAM 14 TX 725 K8VO 42 TX 705 KXEX 41 TX 778-SS KAMC 28 TX 795 KJTL 18 TX 611 KLSB 19 TX 550 KTBO 14 OK 516 KLDI 55 TX 571 KDFW 4 TX 571 KSAT 12 TX 775 K8ES KPRY 4 SD 790 KQAN 5 WY 939 KQML 5 WY 1154	7/7 ES WHSV 3 VA 542 confusing w/WSL Harrisburg KMDL 4 TX 775 WGTV 8 GA 316 WHSN 21 NC 336 WACH 57 SO 455 WACH 43 TN 250 WNCN 36 NC 440 WNCN 18 NC 437 WSOC 9 NC 438 WJZY 46 NC 413 WTVI 42 NC 436	7/9 Tr WGTV 8 GA 316 WHSN 21 NC 336 WACH 57 SO 455 WACH 43 TN 250 WNCN 36 NC 440 WNCN 18 NC 437 WSOC 9 NC 438 WJZY 46 NC 413 WTVI 42 NC 436	7/10 Tr W5OC 9 NC 438 WJZY 46 NC 413 WTVI 42 NC 436	7/13 Tr W5CB 5 VA 345 W5BA 30 GA 308
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Station total now 558

Texas opening was WJLD!! saw most every station in Texas that nite and morning. Thanks to the big guns in 111 for the help on the Canadians and LPTV's. All of the above stations are new ones. I monitor 28,460 on ten meters during E openings. Also444,200 + N2ZE repeater. (Ed notes: no time was given for any of the catches listed above. Ed also sent the latest scanner law from KY...., ham operators with a valid ham license are now exempt from the scanner law as long the info is not used in the commission of a crime-etc. Ordinary folks still get busted for having a scanner in the car. Thanks for the update and nice going on all those great 700 mile inland tropo DX-BN)

Tom Yingling 221 Pinewood Road Baltimore MD 21222-2345 KA3TCC FROM HOME LOCATION N. DUNDALK MD
Icom IC-R7000 Sony KV-8AD11 8 inch color Trinitron as monitor OM 1114 fixed direction, rotor not fixed yet

ALL E SKIP

5/24 2000 KPLO 6 SD 1234 KOLO 3 SD 1120	5/25 1130 KATC 3 LA 1075 KIMF 3 IA 902	5/25 1130 KOTV 6 OK 1080 6/27 1757 WEDU 3 FL 852
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(Tom continues on the next page with DX from NC-BN)

Eastern TV DX

September 1992

Tom Yingling continued.... FROM KILL DEVIL HILLS, NC and mileages from Kill Devil Hills

Icom IC-R7000, using 2 foot whip only. Sony KV-8AD11 as monitor & as TV set. Sony G9V video Watchman 4" LCD color screen (and) for JHF, Channel Master 3 foot corner reflector. For JHF, the Sony single rabbit ear! Winegard preamp PA-4975

I was down in Kill Devil Hills, NC with Steve West, (N3FY0). We were in an second floor of the hotel. The tentative logging of the French ch 44 is an big maybe. Steve gave me a phone call after we got home, that he talked to Jim Alexander, of NJ who has gone down to the outer banks of NC a number of times, with a 7 foot dish and has received Canada on tropo before. So maybe it was them, unless some can verify the program of the WAAA in Hicksville NY with their schedule. (Tom, they seem to run psychic call in shows nearly all the time.I'll check for it-BN) The last 2 years Steve & I have gone down there, and had good southern DX, this time was all north, and our first E-Skip dx'ing.

6/12 Tr 210X WTVX 20 CT 407 TO WRO 15 VA 64 WBOC 16 MD 170 WTFX 29 PA 278 WILG 55 NY 370 0000 WMAC 64 RI 470 6/13 Tr 0010 WPHL 17 PA 278 TO WGBS 57 PA 277 WTCI 61 CT 422 W518H VA 80 0300 Gloucester-CHA-ANC W518H 61 NY 369 W5SP 65 NJ 260-HSN W53AM VA 140 W5WVY 10 W5WVY 58 MA 488 W5WVY 54 MD 229 W5WVY 53 NJ 225 W5WVY 50 MD 211 W5WVY 49 VA 64 W5WVY 48 VA 211 W5WVY 47 MD 169 W5WVY 46 NJ 337 cc-ing o/w/WNLU W5WVY 45 MD 229 W5WVY 44 NY 350 W5WVY 43 NJ 337 W5WVY 42 NJ 220 W5WVY 41 VA 70 cc-ing J/W/MGM W5WVY 36 VA 144 W5WVY 33 VA 64 W5WVY 28 MD 162 W5WVY 27 VA 64	6/13 T 0300 WETA 26 DE 213 WTVS 26 CT 409 WNSH 24 MD 428 WJNS 23 NJ 260 WMTT 22 MD 209 WMTT 21 NY 352 WMTT 20 CT 213 WMTT 19 NC 109 WMTT 2 NC 30 WMTT 3 VA 63 WMTT 5 NC 152 WMTT 6 VA 138 WMTT 7 NC 98 WMTT 8 VA 140 WMTT 8 NC 88 WMTT 8 NC 224 WMTT 9 NC 98 WMTT 10 VA 64 WMTT 11 NC 152 WMTT 12 VA 136 WMTT 12 NC 109 WMTT 13 VA 63 WMTT 14 MD 169 WMTT 15 VA 64 WMTT 16 NC 104 WMTT 17 NC 187 WMTT 18 NC 179 WMTT 19 NJ 337 WMTT 20 NJ 220 WMTT 21 VA 70 cc-ing J/W/MGM WMTT 23 NJ 250-dh WMTT 23 SC 234 WMTT 23 VA 140 WMTT 23 VA 140	6/13 E 1300 UNID 2+ 1400 UNID 3 BB UNID 4- UNID 4- 1930 WMAC 53 NJ 225 1945 WAAA 1 NY 300-t In French or CBFT-9 -ch 44 Kedgwick NB E 2020 WKRG 5 AL 781 WKAQ 2 PR 1371 2055 WTVJ 4 FL 739 2100 WPTT 2 FL 741 2115 WESH 2 FL 584 2130 WUFT 2 FL 578 2140 WPTV 5 FL 700 T 2330 WYED 17 NC 50 WUNP 36 NC 112 WUNP 61 NC 234 WUNP 19 NC 106 WUNP 22 NC 167 WUNP 28 MD 162 WUNP 28 NC 152 WUNP 15 VA 64 WUNP 26 NC 104 WUNP 39 NC 187 WUNP 40 NC 179 WUNP 41 NJ 337 WUNP 42 NJ 220 WUNP 43 VA 70 WUNP 44 VA 120 WUNP 45 NJ 250-dh WUNP 23 SC 234 WUNP 23 VA 140 WUNP 23 VA 140	-6/14 0947 CUBA 5z Tele Rebelde E 0947 FM to Jamaica RJR-FM Heard MUF to 92.1 & 6 meters HOT FL into MS 1000 WPTT 2 FL 741 1037 UNID 5 1040 WCPX 6 FL 1100 UNID 2 French cc DE WUNP 1125 CJC8 4 NS 1068 1130 CBTM 4 NS 960 T 1800 WMAC 64 RI 470 MLIG 55 NY 370 W5B6 36 RI 461 W5B6 21 NY 352 2000 WTCI 61 CT 422 W5B6 54 NY 404 2130 WTVX 20 CT 404 6/15 T 0030 WFTX 25 MA 497 W5B6 38 MA 497 W5B6 56 MA 497 6/15 E 0921 KOPH 4 TX 1224 0930 KXAS 5 TX 1224 1000 UNID 3- 1020 UNID 6E CBS 1025 KENS 5 TX 1378 1030 UNID 5- 1030 FM SKIP TO TX -MUF 90.1 1100 Checkout hotel did FM in car next!
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Comments to be with my DX.

Steve West & I was in Kill Devil Hills, NC on a DX-expedition trip. Lots of DX on limited antennas. Would be great with a full fledged DX setup! My first time with E's on the Icom IC-R7000 with different audio on each channel offset. z,z,z at the same time. Just amazing to see, the video was a mess, too many stations at one time. I find it needs a good signal reading to give a good video output, but the audio will be in the clear. I have noticed when tuning in the narrow FM mode, you can hear the TV station SAP channel audio. For example WMTT-TV 22 Annapolis, MD audio on 523.76 Mhz., the SAP audio is heard on 523.84 Mhz., mixed with regular audio. back home I still don't have the dish back up since last year 7-6-91 when a thunderstorm took it down. But Im getting close to putting them back up. I got the VHF up with my VHF Ham beams, & the dish is next.

Well thats all for this time. I did get the VHF-TV antenna up with my VHF Ham antennas. I got a limited channel JHF-TV antenna up with the PA-4975 amp. the antenna is what I think is an cable TV grade type limited channel tuned to ch. 54, but works OK from ch 43 to 63. I got that in the middle of the VHF-TV antenna & the 440 mhz ham-beam. So, its going something tttt I get the dish tttt I get the dish back up. Last year my two tripods were damaged bad from a thunderstorm. I just got the Channel Master 5 foot tripod up for the ham stuff, and had room for the TV. Now my mother says this fall, we are going to have the roof re-shingled, and have to take them down then. So, the bigger tripod, Create Design 6 foot tripod will hold the 6 foot dish and 10 meter beam. The TV skip has been little, but I really miss my JHF DX. I hope to report some more TV DX soon. I'm going now to Ocean City MD for vacation next week, and in two weeks more, going to Pittsburgh, PA. 7/3 s t t t then Tom
Symbols used in ETVDX: DE=From XLTR=Translator + z = offsets from center channel ANC All News Channel
HSH=Home Shopping Network VJN=Video Jukebox OM=Channel Master SS=Spanish t=tentative o=/over u=/under

.....

Christopher S Dunne 21541 NW 8 Ct Box 81 Pembroke Pines FL 33029-1085

Sony 9" trinitron TV Teknika TVC-22 tuner Archer 6 element FM antenna Gemini 20 antenna (rabbit ears)

Down here, it was a mind-boggling July. 1000 mile TV & FM. but it wasn't ES! Check out below. The Lord has blessed once again.

6/28 Tr 2221 W60 FL 100 -Note# 1 7/2 Tr 230547.R. 6 CUBA-note #3 7/6 Tr 0110 W61W 13 SC 540
7/2 Tr 0000eZNS 13 BH 200 2210 UNID 8 -SS Note # 4
0210 WKAQ 2 PR 1000-note# 2 eZNS 13 still in. 7/7 Es 0945 KTYT 3 MD 1010
1300eZNS 13 sign on!!! "KY-3 for Kids"

Notes: # 1 Vero Beach/WFLX 29. # 2 Full ID @ sign-off. WPBT signs off 10 minutes prior.

3 // T.R. 13 Cuba, video Over MCIX! Havana likely. # 4 Mentioned "Grand Strand" @ = color

can anyone suggest a good V/U antenna for a mobile home, where 20 feet is the limit? I'm considering a 'Shack V-185 (11/90 WLD article) and U-120. To give you an idea how strong the Tr was, I saw WKAQ on the FM antenna! 73 Chris

(Nice going on WKAQ, I don't know what the WFLA club record is for ch 2 Tropo...but it would be safe to say you have likely broken the DX record for lowband Tropo. Again nice going! A suggestion, the U-120 is a good UHF antenna but do get a amplifier for the UHF. UHF needs amplification even at 20 ft, it will make a big difference-BN)

Jeff Wolf 1131 University Blvd W Apt 701 Silver Spring MD 20902

7/4 ES 1141 MUF 4 7/12 Tr 0913-WTKR 3 VA 7/13 Tr 0225 NJ 65 PA 57 7/19 Tr 0819 WYED 17 NC
1157 WPBT 2 FL 900 2123-NC 16,28,40 0230 WHEE 68 NY 196 0821 WOCB 18 NC
1732 KPRC 2 TX 7/13 Tr 0000-Scranton 16,44 0233 Onancock xltms 0929 WPOE 15 SC
7/7 ES 1900 KJRH 2 OK 1031 0100 MLVT 39 PA 0249 WXTV 41 NY 196 7/20 ES 1802-WMUF 3
2100 KFDX 3 TX 1225 0104 WRLH 35 VA 7/25 ES 1100 WPBT 2 FL
7/11 Tr 0006 WUPP 36 NC 0200 WMFL 22 NC 251 7/27 Tr 0203 WNCB 40 NC
ES 1838 UNID 3 CBC-EE 0203 WKFT 40 NC 265 7/28 ES 2005 NBC 3
7/12 ES 0743-WMUF 2 0213 W34AX NC 7/19 Tr 0759 WAPW 16 NC 251 2026 KOTN 2 TX

Harry Hayes 9 Henry St Wilkes Barre PA 18702 RCA 1971 color TV set/ Ch 2 & 5 quad 1loop

JULY 1992 E-Skip

5 1128 KTCB 2 MN 11 2030 WEDU 3 FL 18 1130 WHPB 2 TX 18 1900 CKPR 2 ON 18 2000 KGAN 2 IA 8 2100 KJRH 2 OK
7 2100 KPRC 2 TX 2030 KPRC 2 TX 1230 KQTV 2 MD 18 1932 KQFE 2 ND 2000 KUSD 2 SD 21 X KOET 3 OK
2253 KOTN 2 TX

Not much skip this July, in fact I will say this is the poorest July in memory. How could one season have the best May ever followed by the worst July? It just goes to show that you can't predict anything about DX.

Doug Smith 14 Brookside Ct Nashville TN 37209-4503 W6W1

Regarding your questions in the July ETVDX, I.F. filter mods for TV. Most inexpensive TV's don't have the "mono 11thric" filters used in AM/FM radios, they use instead, L-C tuned circuits, as they were used in radio for years and these can't be easily replaced, though they can be retuned with the help of test gear. Newer and more expensive TV's often do have replaceable filters, but since there's no application for narrowband TV filters, they aren't commonly available, they are available for for TV sound, cellular phones, & foreign broadcast. For adding video modulators to scanners. You need to demodulate the video first, the front end RF amp, mixer, and synthesized local oscillator from the scanner are indeed useable, from that point, you'll need to provide your own IF amp & AM detector (The scanner's AM detector, if it has one, won't work, because the IF filters are WAY too narrow) Or you could provide another local oscillator & mixer, & convert the scanner's mixer's IF output up to a TV channel. As for defeating muting: Yes, I see no reason it couldn't be defeated the same way as with radio. Do be careful, there's a lot more higher voltages floating around a TV set than a radio. Defeating AFC/AFT. TV's & VCR's already have a switch that is activated when you open the door over the tuning controls. In digital TV's/VCR's, the frequency is set by the "reference crystal": you don't want to diddle with that. Take my word for it! And adding channels with jumpers: Probably not. The more channels a cable ready set covers, the higher it has to go in frequency. For example, my VCR, which covers only through ch 36, goes up to about 300 Mhz. Expanding that range to 400 Mhz adds about 16 channels, up to 52 or so. It costs money to expand that range. JHF transistors/circuits aren't all that cheap. Channels aren't missing because governments don't want you watching certain things: they're missing because adding them would raise the price [Thank for the info & answers, I'm sure this way of benefit to TV DXers-me too. Again thank-BN]

Steven Sprachman 15 Berry Lane Hicksville NY 11801

... July 7th-ES 1800 KATC 3 LA

... August 3rd-Super trop opening- Salisbury MD to Portland ME: 2130 to 0000 WJH 7 Boston over WABC (I hope the foto comes out) Also channels 2,4,5 Boston under NYC VHF's (No ID not counted) Boston L's 33 (The Box), ch 38 with Boston Red Sox game, 56, 66 HSN-s/f, WGBX 44-Boston - (totally covering LPTV W44A1), WQTV-68-tent WJHSE, WGBY 57 Springfield totally covering W57BC, WND5 - 50 Derry ID slide (another photo opportunity, also UNID 23 WJHUS (Albany W7-BN), ch 65 WJHSP-I speculate the LPTV on 65 is in Springfield MA. Also seen - WBOC 16 MD, 17,29,36 Philadelphia, 6,10,12,36,64 Providence, 19 N. Adams, 22, 40 Springfield, Tent 51 Portland ME (with the Olympics!!), WHLL 27 (with Telemundo programming) Not seen LPTV 28, 59 in West Haven Ct, WOST 69 Block Island -(this has proven to be a very difficult catch!) (Steven returns on the next page-BN)

Steven Sprachman's report continued from the last page

Have you seen WOST -69 yet? (No-ch 68 kills anything adjacent here, I wasn't really aware of WOST but I am pretty sure WCVX 58 remains OFF the air and this is why you haven't seen them-BN)

We are in the process of packing for a trip around NY State. I'm bringing my LPTV finder, I purchased a SONY Watchman. If I see anything interesting, I'll report it. What does amaze me is the number of LPTV networks (its becoming a real alphabet soup-ABN, HSN, HSS, HSN, CHA, ANC, TBN, etc...after I come back from this trip, I plan to do some research. If I find anything useful, I'll share it. The overnight news shows have been multi-plying like crazy. All the Networks have them (although the ABC version is NOT carried by WABC 7, but is, by WHMH-8. Some stations have the All News Channel) overnight. Then there's the Home Shopping Spree. What happened to the good old days when a station operating 24 hours a day was the exception and not the rule. (Ed Comments: I guess that went out of style when all we had to watch were the 3 networks PBS and nothing else to watch-BN)

The plans for the "New Jersey Network" are interesting. I get 3 of the 4 on a regular basis. I would like to have three more choices, but I doubt the State will give up the network. Besides they're spending \$\$ on a Public Radio Network like its really needed! Well let me close, I hope the DX season ends with a bang! I'm still kicking myself for going to work on May 20th!

73's Steven

Mike Reid 1408-65 Spring Garden Ave North York ON M2N 6M9 ALL TROPIC LOGGINGS

19/ 1977 Zenith Icon R-7000 RS Two Bay & AC 4990 all @ 105 AG

5/11 0100 NE OH 6/3 0235 CICO 48 ON 6/14 0720 W69BJ MI 7/3 0352 WSNR 43 NY
0500 CFMT 47 ON-Nt # 1 0240 CHOT 40 PQ 0727 WFFT 55 IN-s/f //WTVU
5/19 0200 WOLI 17 OH 0301 WEYI 25 MI 7/9 0925 WMMO 24 OH
0212 W30AJ NY Syr HSS 6/8 0115 CBLN 45 ON 0827 WKAQ 23 MI
0250 WJUG 33 IN 0227 WANE 15 IN 0935 WFLM 28 MI
0255 WPTA 21 IN 0227 WPTA 21 IN 7/12 0635 WQBC 34 NY
0302 WQAC 67 OH 6/10 2310 CBLN 20 ON 0748 WOL 14 MI 0638 WICZ 40 NY
0305 WPGH 53 PA almost snow free 6/16 2057 WJUG 33 IN 0757 W60AD NY
0330 WKEF 22 OH 6/14 0250 CROT 32 ON-Nt # 4 1200 WQNY 24 NY-s/f
0740 W72AQ NY 0350 TVO 24-38-42 2102 WFFT 55 IN 7/18 0427 WENR 55 OH
0710 CICA 51 ON 53-55 2106 WANE 15 IN 0440 WVAI 53 OH
0130 CBLFT 34 ON 0136 CBLFT 39 ON 2106 WSTE 30 OH 0447 W32 OH-TBN
0130 W30AJ NY 0315 CHLF 48 ON 2330 WSBT 22 IN 0454 W50RE OH
0420 CBLFT 53 ON-Nt # 2 0326 C 26 ON 2340 WMLI 17 MI 0456 W5F 51 OH
0546 W72AQ NY (CQAS Brighton) 2359 WKAQ 23 MI 0506 CBLFT 34 ON
0550 WNEP 16 PA 0332 WACN 20 MI 6/17 0132 CBCE 16 ON 7/20 0300CBLFT 54 ON
0557 WBTAI NY 0333 WEYI 25 MI 6/28 0915 WFLM 28 MI 0000 WUPW 36 ON
0615 WSNR 43 NY 0357 CBLN 34 ON WORE 28 PA 0000 WSTE 30 OH
0623 WYOL 22 PA 0412 W4OL 38 MI 0015 CITI 22 ON
0626 WATM 23 PA 0420 ReI 44 MI-Nt # 5 7/1 0027 CBLN 34 ON 0022CBLFT 48 ON
0636 WYIA 44 PA 0515 CBLN 64 ON 0050CBLFT 68 ON 0032 WKAQ OH
0640 W60AJ NY CBLFT 54 ON 0122 WYOL 22 PA 0105 WOL 17 OH
0722 WPMI 43 PA-Nt # 3 0523 WJUG 33 IN 0144 WETM 18 NY 0107 W32 OH
0731 WLYH 15 PA 0527 WABQ OH 0814 WEYI 25 MI 7/22 2347 WSNR 43 NY
0745 WYTF 33 PA (Toledo Box) 0817 Ft W 33-39 2352 W62AN NY
0752 W60AD NY 0547 W66BY MI 7/2 0020 WNEP 16 PA 7/23 0010 WTVN 33 NY
0755 WBOAK NY 0547 W3H4 66 MI 0025 WYOL 22 PA 0010 WUTR 20 NY
0805 WUTR 20 NY 0600 WTLJ 54 MI 0026 WNEP 36 NY 7/24 0155 CICO 19 ON
6/2 0900 CHOT 40 PQ 0630 WMMO 24 OH 0027 WOLF 38 PA 0155 CHLF 25 ON
6/3 0216 CICO 24 ON 0710 WFWA 39 IN 0030 Chatham 48-64 0150 CICO 24 ON
0220 CBLFT 25 ON (w/gd evening sld) 0350 WBBE 28 PA 7/27 0052 WEYI 25 MI
0230 CROT 59 ON 0710 WANE 15 IN 0230 WMOX 23 IN
0235 CHLF 39 ON 0710 WPTA 21 IN 0240 Ft. W 21-33-55

EXCEPT FOR THE NEW STATIONS, SATELLITE NUMBERS ON CANADIAN STATIONS ARE OMITTED.

Notes,

.. # 1 Running both main and standby xmtrs heavy zero beat. Main had TP and standby had an ID slide ..
.. # 2 Both running Phillips TP from Montreal. CBLFT not on. Not sure if feed was shunted through Toronto or picked up in London on a dish. CBLFT9-53 does not feed off of CBLFT8-61. Both CBLFT10-48 and CBLFT17-68 are able to switch between CBLFT9 and CBLFT. Once when CBLFT and CBLFT ran different movies, CBLFT10 had CBLFT's movie and after when it was over, it switched to CBLFT9. One morning, CBLFT17 was running the TP that CBLFT9 runs. All Nite. I saw it switch to the slide that CBLFT runs. ...# 3 Mixing with WSNR and WUAB. Never seen a three way fight on 43 before.# 4 With WMTI -60. I count off channel phantoms as different from the on channel operation. After all, if a station drifts a whole channel or changes channel it is new. As well, there is a real signal one channel off. Note this is based on output channel, not input channel.# 5 Not WTLW, W44AG TBN. CITY-57 produced an image on the Icon at the same place. CITY was running a movie with folk rock music & it was mixing with the gospel from this thing

(Mike Reid's report continues on the next page-BN)

Due to the odd weather, this season has produced a lot of small short lived openings not always when you expect them. It is odd to look at the paper and see on some days that Yellowstone is doing better (and not just cool days either). At the start of the 6/14 opening, the tropos would be strong towards the east & North East then switch to the West & Sw ten minutes later and switch back again after that. My unid ch 30 from 12/10 appears to be W0MT 30. I got a letter from Tom Bryant the same day the VUD with the last CCI column arrival. They agreed. There was a 17+ with it, which fits Nashville- but not enough details to count it. My second close call with WZTV. W0MT is a relóg. W39BC, Buffalo NY is on with a religious net called 'Family Net'. This station speaks volumes about FCC engineering standards most of the time, they are out of sync. When they are in sync, there are usually one or two kinds of CCI-like patterns on the screen. I've seen skip that's more watchable. Haven't heard a code ID, either.##[Editors' comments- Personally, I see at least 2 major FCC rules being broken, the FCC has been cracking down with very high fines for such serious violations -fines as high as \$10,000 per violation are being levied. It is up to us,-we DIXERS- to report these violations to the FCC. Maybe sending a video tape of the stations not adhering to FCC rules and not properly ID-ing to a FCC field office-for evidence : would ensure that these stations comply to the FCC rules or face high fines. As long as these "LPTV"-s with no real entertainment value clog up the TV dial with useless programs and then go to create interference and fail to ID, then maybe we should in fact report these to the FCC. If they can't meet broadcast standards... they should go off the air until they do! This comment was the ETVDX editors' & and not of the reporter or the WJTB-BN)## [I noticed Bruce Hall's remarks about skip on J.S. Memorial Day There have been tropos opening on K.F.S. Thanksgiving. I think there's a plot here. 73's Mike

Eric Voytko 1721 Dalewood Place, McLean, VA 22101 703-356-9864

Equipment; UHF-Screened 6' Channel Master dish, Winegard CF-4800 preamp and 6' T-700 traps
HD73-1 rotor, RG11/064 Foam, 35' AG
VHF-Channel Master Quantum 1110, Archer rotor, RG11/064 foam, 35' AG
RECEIVERS-Icom TV/R-7000, JVC HRD9700 VCR, Zenith and Sony Monitors

June 1992		20 Es		1104 WBRZ-2		LA 990		10 Tr		2315 Durham 17-28-46							
3	Es	1006	KOBT-3	OK	1030	2100	KLNE-3	NE	1190	7	Tr	0615	Alcorns	10-3-47			
		1170	WFTV-4	MU	870	2130	WBRZ-2	LA	990	18	Es	1050	ALPMA-2	OK 1030			
4	Tr	0625	WMMG-40	NJ	130	21	Es	MUF-2				1100	KOBT-3	OK 1030			
		0625	WXTV-41	(WI)	210	July 1992											
		0700	W40AM	VA	150	7	Es	1976	KATC-7	LA	1060		1387	KLNE-3	NE 1190		
		0702	WHR0-15	VA	150			2120	WJLN-25	NC	230		3052	MUF-3	NE 1190		
		(AMP FAILURE)						2326	WUJ3-39	NC	340		3110	to 2300	KLNE,		
9	Tr	2146	WTKR-3	VA	150			2327	WKFT 40	NC	220			KOCTV,KSNC,KSNN			
		2146	WAVY 10	VA	150	12	Tr	2120	Durham	36-40		27	Tr	1741	WWSB-23	NJ 130	
14	Es	2054	Pr Canad. an					2128	WMAF-16	NC	140			WJBT-5	NJ 130		
								2130	WZYX 65	VA	30			WTEB-15	PA pers		
13	Tr	0904	WJAC-6	PA	140	13	Tr	0534	WFDE-15	SC	340			WCTP-6	MD race		
		Es	1001	WESH-2	FL	730	(solid)						28	Es	1007	WETV-2	WI 680
			1300	WBRZ-2	LA	990		0545	Durham	17-28-46				1059	KGAN-2	IA 810	
			1300	KATL-3	LA	160		0630	WLCN-39	(weak)			30	Es	1245	MUF-3	
			2134	KOTV-6	*K	1030		0859	FSNC-4	MS	1140	August 1992					
17	Es	1735	MUF-6					2118	KOCTV-7	M	990	4	Es	1135	MUF-3		
		1800	KSNN-3	KS	1110			1950	MUF-6					1300	WBRZ-2	LA 990	
		1804	KSNC-2	KS	1160			1950	WBRZ-2	LA	990			1377	WETV-2	AN 890	
		1811	KJRH-2	*K	1130			2041	KA-2-6	TX	1150		4	Es	1145	MUF-3	
		1827	KMOS-6	M	870	9	Tr	0614	WRDC-28	NC	240			1810	KPRR-2	TX 1230	
		1831	MUF-36.1					0611	WYED-18	NC	190			1815	4TRN	TX 1110	
		1903	KOTV-6	OK	1010			0514	WYTV-11	NC	240			(super strong station)			
		1908	KFDX-6	TX	1240			0514	WFDE-15	SC	340		5	Es	1814	KJRH-3	OK 1130

I would say that June and July have been fairly good for F5, considering the limited time I have to pursue DX'ing. This is my second skip season, thus many stations are new sightings. From my perspective it has been ten times better than '91. On July 29 I logged my shortest skip ever, via VCR taping, off the back of my 10m antenna. It pays to set your VCR on a low-tune channel while at work. The short hops on 10m are spectacular, but brought some freakish signal strengths. WPMF-44/WJHL 15.65 miles, were over 40db on the Icom's meter, outperforming the Baltimore U.S. I even had a picture image of 43 on 36, unusual for a station that distance (at least for Me).

My recently resurrected PA4975 died again, this time for good apparently. I'm using a C146.1 as a backup and it works well, but overloads more than the the 4975. Michael Parks directed me to Ford Electronics, who still have a few PA-4975's left, but am also considering the PDX am.

Editors' tidbits. ... Jeff Kruzka also wrote that he said there should be a VJN (Video Juke Box Network) channel guide printed in the VUD like CHA and TBN channel guide/station listings were published in the VUD some time ago. Also to clarify the heading in this month's TVDK, It should read that Jeff's VCR has a switchable ON-OFF Video Muting.....

September 1992

900 WFXI 25 MA 1064
W. H. 66 A13 1058

Dave Nieman, Ho-Sia Gen Road, Rock City, New York

Equipment: RCA 9" b&w TV. Radio Shack V 110 VHF at 25 feet, Channel Master 4225A UHF with DX
Tuner LLL 45 ft. amp at 30 feet, both antenna on Radio Shack rotor. Using RG 6 coax
New logs are ordered. New call: KKKKK

PLU Y 1992	26 Tr 0701	<u>W39BC</u>	NY	61	26 Tr 0741	<u>W46BA</u>	NY	40
26 GW 0700	<u>W20AB</u>	NY	3			Buffalo (Farm Net.)	Jamestown (WNED)	171
	Olean (Ch. Am.)			0730	<u>WYTV</u>	33	OH	129
						0800	<u>WUAB</u>	43 OH 194
						0900	<u>WAKC</u>	23 OH 170

I mounted the VHF UHF antennas on a 20 foot guyed mast for now they do work better. Seen some skip on the 25th east to southwest around 10 00 AM with a MUF of 90.7 FM. Stayed in till past noon but I had no luck. Day.

Matt Sittel, 603 Fulton Rd., Apt. B-14, Tallahassee, FL 32312 (904) 386-2212

As reported, IN DE

11 Es	1213	KSM	2	K	90	21 es	1129	KCWG	4	Wyt
tr	1336	WKRN	2	IN	244		1130	KDLO	3	SD 982
13 Es	1359	KNOP	2	NE	1332		1131	KXMA	2	ND 1265
	1354	KDLO	2	NE	982		1158	KUSD	2	SD 929
17 Es	1552	unID-	2				1158	unID-	6	
18 Es	1148	KLBY	4	KS	1033		1159	KPRY	4	SD 1062
	1159	KLNE	3	NE	955		1225	KWGN	2	CO 1252
	1359	KBME	3	ND	1172		1226	KCNC	4	CO 1252
21 Es	1029	KGFE	2	ND	1126		1241	KLBY	4	KS 1033
	1051	KOTA	3	SD	1209		1259	KNOP	2	NE 1032
	1056	KPUH	4	NE	1172	22-29	out of town			
	1117	KTWO	2	WY	1335	30 tr	1159	WAVE	3(IN)	226
tr	1126	WKRN	2	TN	244		1159	unID-	4	

'This has been the worst season I can remember for E-skip' Even though I have beer out of town a lot, the amount of skip out there has been less than previous seasons. I can see how seasons like this can make DXers give up the hobby? I am hopeful that DX in FL will rejuvenate my current lack of enthusiasm for '92's DX conditions John Combs has already shown us that Tallahassee can get in on lots of good DX Now I just hope that grad school won't eat up all of my free time! '73's Max.

New guidelines go into effect with the November submissions. From now on, please list your MUF in a separate section and not in the TV DX catches, just like some reporters do in western TV DX.

Also please list only DX catches in your submitted column format such as 7/11 Tr 2100 WAAA 37 NY 200-s/f. Please don't list anything else in the column section. Don't add stuff like... "Syr, Scranton-s/f or CCI on Local WXXX or Boston JHF's 25, 38,56,66" etc This really should not go into the COLUMN FORMAT. After awhile everything looks very cluttered and very hard to scan. Instead delegate all this stuff to

Note #1, Note #2, Note #3-Etc, on the bottom of the reports in the "Notesection" is where all this really belongs, not in the actual DX catches. There are no changes for narrative reports, except try to keep everything in order, in narrative you CAN use "Scranton 16,22,28,33,56-etc, Not on column format. Please list translators IN the column as before, underneath the primary station as always as before, but keep it short please.

If I get anymore reports where the time of your DX catches were not in successive order and even some dates (.) of the catches were not in order. If I get anymore reports with catches listed like 2120,2114,2117 2112-etc., your report will be returned to you to be corrected. 98% of you have been following these guide/lines already, and I thank you. But a few out there have been making things a bit harder to do up ETVDX, and these changes ARE for the better, making ETVDX easier to scan & making the columns clutter free! Thank. -BW

WESTERN TV-DX

Fred McCormack
PO Box 65666
St. Paul MN 55165-0666

(612) 735-6860

Deadline 10-08-92
Clt-off 07-01-92

September 1992

Judging by the size of this month's column, one might assume that July 1992 was an exceptional month for TV-DX. Unfortunately, it was not. The column is dominated by older loggings.

With a few notable exceptions, July was non-eventful. E skip was reported on the following dates: 1,4,5,6,7,8,10,11,12,13,14,15,16,18,20,21,22,25,28,29, and 31. That is a fair number of dates, but the openings did not seem to produce much.

Jeff Kruzka in Louisiana got into a fine gulf tropo opening from the 5th to the 8th. Also reporting 500+ mile tropo in July was new reporter Jim Dietrich pulling in south Texas UHF's from Derby, Kansas. Dave Pomeroy also had a nice tropo opening with numerous north Texas and Oklahoma translators being caught on the 15th.

A special welcome to new reporters Jim Dietrich and Mike Hawk. I hope to hear from both of you regularly. Anyone reading this column from the Western TV-DX region is encouraged to send in a report. Your DX is significant no matter how few loggings you may have. There are a host of states never heard from in Western TV-DX. Maybe DX never happens in Arizona, New Mexico (we know better than that, Jim Pizzil), Nevada, Utah ...?

```
New_____ New Mode__ Tent. - t Unidentified - unid S/On - + S/off - -
ID Color Bars - @ Unid Color Bars - % Misc. Test Patterns - &
Parallel Programming - // MYS Stereo - &
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BN Baja California Norte	CU Coahuila	NL Nuevo Leon
CH Chihuahua	DF Distrito Federal	TA Tamaulipas

ANC All News Channel	TAB Three Angels Broadcasting
CBN The Family Channel	TBN Trinity Broadcasting Network
CHA Channel America	TBS TBS SuperStation
CNN Cable News Network	TNN The Nashville Network
HSC Home Shopping Club	USA USA Network
HSS Home Shopping Spree	VJN The Jukebox Network
LIF Lifetime	VVN Valuevision Network
SHO Showtime	

Jim Dietrich, PO Box 88, Derby KS 67037

CDT

Equipment:

Samsung 5" black & white Model TB-0550, 10" HB yagi ch 14-45 with RDX Labs
UA 900 preamplifier at 30'

April 1992		30 tr 1059		K54DT 54 TX 420		12 tr 0543		KMEG 14 IA 345	
29 tr 0700	KHIN 36 IA 285		(Abilene)		KIDY- 6)		0554	K7IBO 71 KS 80	
1000	KBIN 32 IA 270		1110	KTAB 32 TX 430			(Harrison)	KAKE- 10)	
1015	KPTM 42 NE 260		2300	KXAN 36 TX 500			0607	KHIN 36 IA 285	
	(All snow free)							KBIN 32 IA 270	
								(See Note # 2)	
30 tr 0025	KDNL 30 MO 400	May 1992							
0500	WEVV 44 IN 525	1 tr 0313	KXLN 46 TX 560						
0524	KBSI 23 MO 430	0431	KWKT 44 TX 425			July 1992			
0531	KWKT 44 TX 425	0436	KUVN 23 TX 325			1 tr 2330	KXAN 36 TX 500		
0536	WICS 20 IL 450	0510	KBSI 23 MO 425				KWKT 44 TX 425		
0538	WYZZ 43 IL 480	0516	KASW 38 AR 360				2340	KXLN 45 TX 560	
0545	WRSP 56 IL 450	0528	WICS 20 IL 445			2 tr 0020	KABB 29 TX 560		
0605	KRIN 32 IA 430	0548	WCFN 49 IL 445			0459	KLAX 31 LA 520		
1046	KTXA 21 TX 340	0549	WYZZ 43 IL 480			0510	WLMT 30 TN 440		
	KDFI 27 TX 340	0550	WMBD 31 IL 470			0521	WXVT 15 MS 470		
	KDAF 33 TX 340	0554	WXMT 30 TN 590			0527	KCIT 14 TX 295		
	KKTX 39 TX 340	0601	WBAK 38 IN 545			0535	KMSS 33 LA 395		
	KJTL 18 TX 250	0620	WEVV 44 IN 525				(See Note # 3)		
1055	KWKT 44 TX 425		(See Note # 1)						

Note # 1 - A continuous two day opening with many stations snow free.

Western Ty-OX

September 1992

Jim Dietrich (Continued)

Note # 2 - Heavy fog locally. These were all snow free. Signals were strong only from the north

Note # 3 The opening was to the south generally. To the north, KPTM-42 at 260 miles was about average strength

A severe hailstorm on June 19th left the WHF yagi in a "modified" condition so I'm replacing it with a 10 foot dish. No, it's not logical, but I've been planning the upgrade for some time. Should be up within two weeks.

Mike Cherry, Box 631, Ganges BC V0S-1E0 (604-537-5201)

PBT

Equipment: See July 1992 Western TV DX

<u>June 1992</u>			6 Es	2100	KGFE	2 ND	1163	12 Es	1200	KTYU	2 CA	769		
26 Es	1931	KNAZ	2 AZ	1137		KBME	3 ND	1062		KCRA	3 CA	739		
		(Over CBUT)	7 Es	0600	KTVM	2 NV	870		1228	KRON	4 CA	772		
29 su	1829	CFJC	4 BC	186		KGVC	3 NV	986	14 Es	0800	KZMT	3 IA	1596	
		(Audio only)		0819	KQ2---	2 NV			15 tr	2000	KREM	2 WA	299	
	2218	CBUT	3 BC		(Unknown	KVBC-	3)				(Audio -- o/CBUT)			
		(Audio only)		2100	KTOT	2 NV					KXLY	4 WA	300	
	2230	KXLY	4 WA	300		2330	KYTV	3 MO	1725		2100	KLEW	3(WA)	341
			8 Es	1800	KVBC	3 NV	986		Es	2200	KREG	3 CO	1028	
<u>July 1992</u>				1900	KTVC	3 AZ	1223	16 Es	2027	KTVM	3 AZ	1223		
6 Es	1830	KOTA	3 SD	1015		KCCZ	4 UT	940		2033	KNAZ	2 AZ	1137	
1859		KXNTV	3 NE	1428	2000	KTYU	2 CA	769	18 Es	0730	KEYT	3 CA	1006	
		KTIV	4 IA	1376		KCRA	3 CA	739	20 Es	1930	KLNE	3 NE	1311	
	2000	KDLO	3 SD	1245	11 Es	2000	KTVM	3 AZ	1223		2000	KTBS	3 LA	1887
		KPRY	4 SD	1167	12 Es	0600	KTUV	2 UT	795		2029	KMTV	3 NE	1428
2027		CBWFT	3 MB	1167		0614	KTUV	4 UT	795		2032	KTIV	4 IA	1376

June 29th aurora was only strong enough to produce intelligent video on KXLY-4. On the 7th, KVBC-3 appeared on channel 2. Signal hovered on channel 3 at the same time so I doubt it was an image. This was in for about 20 minutes. (Nice logging, Mike. Unfortunately, with several channel 2 translators of KVBC existing, it won't be possible to establish the actual origination of the transmission. fm)

There has been a cooling of E skip openings since early July, perhaps due to geomagnetic disturbance. July 20th, I was delighted to see KTBS-3 make its now annual appearance. At the same time, I had double hop E skip on 8 meters to Arkansas, Louisiana, and Oklahoma.

John Ebeing's uid channel 4 ("5" on screen) was probably a CKBI-5 Saskatchewan translator. 73's Mika VE7SKA

William Draeb, Ellis St., Rt. #2, Keweenaw WI 54216 (414-388-2360)

CET

Equipment: See July 1992 Western TV-DX.

Not much of an E skip season yet. Most openings were weak and didn't get above channel 4.

June 1992				12 Es 2029	CBXT 5 AB	13 Es 1358	WEDU 3 FL
8 tr	0545	WWAT	53 OH 405		CKSAC 2 AB		WCTV 4 SC 900
10 tr	0556	W64AU	64 WI 120	2050	KRME 3 ND 680	1959	KFDV 3 TX 935
		(Adams	WHRM-20)		KXGNT 5 MT		KENW 3 NM 1145
11 Es	1059	KKTO	2 NM 1166		KXMA 2 ND 780		KALZ 6 TX
		(HSS)		2059	KRTV 3 MT 1155	2028	KARK 4 AR 715
	1215	KWIDt	2 TX		KWSE 4 ND 820		WCTVt 6 FL
	1250	KENW	3 NM 1145		KOUS 4 MT 1005		WESHt 2 FL
		KOB	4 NM 1185	2105	CKKXt 2 AB	2112	WEDU 3 FL
	1305	KDBC	4 TX 1345		KFBNT 5 MT	2158	KENW 3 NM 1145
	1310	KREG	3 CO 1075	2124	KTVQt 2 MT		KAHR 4 TX 985
		("News West")		13 Es 0510	unid ch 2 nw	2215	KRMA 6 CO 965
12 Es	1925	unid ch 2 south		1358	WCBD 2 SC 900		KCNC 4 CO 965
	2018	unids chs 2-5 nw			WMAV 3 NC 885		KCNC 4 WY 1065
		CKKXt 2 SK			WXJt 4 FL		KWGNt 2 CO
		unids chs 3, 4			WCSC 5 SC 900	2259	KDUH 4 ME 805
	2029	CFQC	3 SK 1015		WFMY 2 NC 715	2301	KOTA 3 SD 785

William Draeb (continued)

13 Es 2315	KOB	4 NM	1185	14 Es 1800	all gone	20 Es 1145	KCNC	4 CO	965
2349	KTWO	2 WY		1904	unid ch 3 south	2112	unid ch 2 west		
2400	KCNC	4 WY	1065		unid ch 2 south		unid ch 3 Canada		
14 Es 0955	unids chs 2, 3			15 Es 1315	KCNC	4 WY	1065	22 tr 0521	W54BK 54 IN 205
	KOB	4 NM			CBRT16	4 AB1195			WOUV 44 OH 435
1058	XHPN	3 CU	1300		(See Note # 1)				WEVY 44(KY) 455
	(See Note # 2)			16 tr 0600	W54BK 54 IN 205				WDRB 41(IN) 430
	KACB	3 TX	1130		(Chesterton ANC)			2159	W18AT 18 IN 195
	(KR8C-9 ID)				(Snow free)			(Gary	LPTV)
1114	KWABT	4 TX		0612	W1BU 69 IN 325			27 Es 1158	KDFW 4 TX 965
1150	KFDX	3 TX	935		W138QT 13 IN				KMOL 4 TX 1200
1159	KENW	3 NM	1145		(Portage LPTV)			tr 2350	W29BE 29 MI 110
	KACVt	2 TX		Es 0629	unids chs 2-6 s			(Muskegon	TBN)
	KANRt	4 TX			(No time to DX)				(Morse Code ID)
	KWIDt	2 TX		1300	all gone			28 tr 0630	W18AT 18 IN 195
1359	KTXt	5 TX		1819	WCBT 2 SC				W54BK 54 IN 205
	KLBY	4 KS	795		WCIVt 4 SC			30 tr 2235	W33Art 33 IL
1404	KBSDt	6 KS			WESht 2 FL				(Rockford WCIU-26)
1451	KRMA	8 CO	965	1827	MEDut 3 FL				Rockford45,62,68
1459	KCNC	4 CO	965		KRTV 3 MT 1155				W33AX 33 WI 135
	KOAAz	5 CO		18 Es 2320	KATC 3 LA 1030			(Madison	TBN)
1557	KOTA	3 SD	780		KDTWT 2 TX				(See Note # 3)
	KDUH	4 NE	805		unid channel 3			2314	W18AT 18 IN 195
1601	KOUS	4 MT	1005		KDFW 4 TX 965				("Dunes" slide)
1604	KTVQz	2 MT			KXAS 5 TX 965				W54BK 54 IN 205
1610	KCNCt	4 WY			unid channel 6				(ANC)
1625	KBME	3 ND	660	19 Es 1330	KRTV 3 MT 1155				
	KLNE	3 NE	670		unid ch 4 Canada			July 1992	
	KTWOt	2 WY		20 Es 0200	unids chs 2-6 nw			4 Es 1808	unid channel 2+
1640	CFQD1	3 SK	1085		unids chs 2-4 nw			5 Es 1000	unid channel 2-
1648	KWSE	4 ND	820		unid channel 2+			2106	unid ch 2+ south
1659	CBKT1	4 SK	950		KRTV 3 MT 1155				unid ch 3 south
1719	CJFBt	5 SK			KTVQz 2 MT			6 Es 1405	unid ch 2-
					unid channel 2				
					KTVS 3 CO 830				

Note # 1 - Coutts/Milk River - "LETHBRIDGE" seen with local programming.

Note # 2 - Soccer match in Spanish. Network program Network logo in upper left corner of screen

Note # 3 - Snow free. Morse Code ID at 2303. No tone heard, but it modulated the picture as it took place (visual Morse Code).

This past weekend Robert Kramer called me to say that the channel 54 with Catholic programming which I saw wasn't W54BK, but was W54AP Mokena, Illinois (Blue Island per FCC. fm). That same evening they were in again with a movie entitled "Held!" which was followed by the Rosary and color bars with ID in upper right corner and sign/off at 2215. There was no mistake this time as the picture was snow free.

Mike Hawk, 10212 P St., Omaha NE 68127-2130

CDT

Equipment:

VHF: Bradford B&W TV and FM-10 up 30'. UHF: Korvette brand TV (Toshiba parts) with loop at 1' above the ground (in the basement!).

July 1992

9 tr	D200	KWQC	6 IA	279	16 tr	0852	KTIN	21 IA	131	16 tr	1028	KMCI	38 KS	181
16 tr	0846	KITN	29 MN	297		0858	KTKA	49 KS	151		1030	KOPT	19 MO	167
	0848	KYIN	24 IA	198		0859	KTAJ	16 MO	118		1037	KHNE	29 NE	129
						0900	KDSM	17 IA	129					

June was real good for TV and FM, but July was terrible. I had a report ready to send to Fred in May, but all my files got erased on my word processor! It was mainly E skip, with about two dozen loggings.

Tropo had been pretty good until we got in this cold and wet weather pattern. We just finished the coldest July ever in Omaha, as well as one of the two wettest ever.

I usually only DX TV after the openings seem to be getting less productive on FM, as well as when I follow E skip MUF through channel 2, etc.

The small July 16th tropo opening was pretty good, with very strong signals, but nothing of any great distance logged. I have locals on channels 3, 6, 7, 10, 12, 36, and 42. Channels 3 and 6 being occupied makes E skip monitoring fairly tough. 73

Dave Sinclair, 6565 Brooks Street, Vancouver BC V5S 3J6

PDt

Equipment:

Archer Antennas: VHF-FM model 15-8854. UHF model U-120. Both mounted on Channel Master Crown rotor. UHF 4 feet above rotor, VHF-FM 1 foot above rotor. Rotor mounted on 5 foot pole, chimney straps. Archer amplifier model 15 1113, adjustable 10-20 dB, connected to UHF. Sony colour TV model 13TR14, purchased in 1991. Electrophone VHS VCR. Philips stereo converter model CT 3600 which has separate inputs for cable, VHF and UHF.

Channel 3 received over CBJT 2 rebroadcaster at Chliwack, British Columbia, 56 miles east, 590 watts erp. This rebroadcaster stays on all night with a colour bar and is fed by CBC North. CBJT's main transmitter on channel 2 signs off air after a signoff.

May 1992

15 Es 1030	KOTA	3 SD	1002	13 Es 2000	KLBY	4 KS	1269	8 Es 1700	KBVC	3 NV	996
29 tr 2030	K68DL	68 WA	111		(Over KOMO)			2037	KCRl	4 NV	681
	(Seattle TAB)			2030	KTVX	4 UT	794		(Over KOMO)		
2100	KEBN	32 OR	288		(Over KOMO)			12 tr 0230	KATU	2 OR	262
					KBRA	3 CA	757	24 tr	KEBN	32 OR	288
					2100	XHBC	3 BN	1210		(All day!)	

June 1992

6 tr 0200	KBATU	2 OR	252	July 1992				25 tr 0130	KBSP	22 OR	288
0230	KMNT	24 OR	252	6 Es 2000	KOTA	3 SD	1002		(Over KTZZ-22)		

Michael Parks, Route 1, Box 103, Amery WI 54001

CDT

Equipment:

Channel Master 1110 Quantum with Winegard PA 1375 preamplifier and RG 11U at 30', Channel Master 4228A with Winegard PA-4975 preamplifier and RG-11U at 35', Alliance HD-73-1 rotor, Channel Master 7206 HJ "Q" trap, and Zenith Z1920W 19" color TV

May 1992

5 Es	1730	KPRCt	2 TX		0111	WFSB	3 CT	1005	0148	KNAZ	2 AZ	1241					
	2200	KVBC	3 NV	1350		0136	KBFT2	3 PQ	799	0201	KOTI	2 OR	1476				
12 Es	1648	KENWt	3 NM		Es	1400	KNID	2 TX	1065		(New State # 43)						
16 Es	2304	KIII	3 TX	1261		1410	XEPH	2 CH	1216	0214	KBCI	2 ID	1175				
18 tr	2348	WDAY	6 ND	281		1422	KENW	3 NM	1017	2130	KBTX	3 TX	1047				
	2351	KDLO	3 SD	280		1500	KBKTO	2 NM	998		WLBt	3 MS	918				
	2352	KTHI	11 ND	274	10 Es	1357	KATC	3 LA	1062	2159	KATC	3 LA	1062				
	2354	KFME	13 ND	260		1359	WBRZ	2 LA	1046	14 Es	0100	KBKTO	2 NM	998			
	2356	KXJB	4 ND	274		1458	KJRHt	2 OK			KIDK	3 ID	1012				
		("KX4")				1500	WDIQ	2 AL	1008	0207	=KENW	3 NM	1017				
25 Es	1149	WSAV	3 GA	1094		1820	KENW	3 NM	1017	0213	KJRH	2 OK	672				
	1400	WCBD	2 SC	1092		1900	KREG	3 CO	872	0215	KNID	2 TX	1065				
	1401	WCIVt	4 SC				("5-10-6-3" ID)			18 Es	2200	unid channel 3					
	1942	WMAR	2 MD	900		1912	KNID	2 TX	1065	19 Es	0123	KNID	2 TX	1065			
	1956	WRC	4 DC	896		11 Es	1259	KENW	3 NM	0135	KNAZ	2 AZ	1241				
		WTTGt	5 DC				1300	KNAZ	2 AZ	0215	KBKTO	2 NM	998				
	2012	WCAX	3 VT	952			1318	KBKTO	2 NM								
							1319	KTVK	3 AZ	1341							
							1400	XEPHt	2 CH								
June 1992							1544	KNAZ	2 AZ	1241	July 1992						
4 Es	1526	KATC	3 LA	1062			ms 1630	KACVt	2 TX		6 Es	1900	unid ch 2z NBC				
5 Es	1200	WMAR	2 MD	900			12 Es	1259	KPRC	2 TX	1109	7 Es	1158	WEDL	3 FL	1333	
		1300	WKTV	2 NY	872				2125	KIDK	3 ID	1012	20 Es	1730	unid ch 2- NBC		
		1328	WFSB	3 CT	1005								21 Es	1857	KENW	3 NM	1017
8 aE	0106	0231	many Cana-							2200	KLEW	3(WA)1191	28 Es	2111	KENWt	3 NM	
			dian unid chs2-6										31 Es	0032	KTVK	3 AZ	1341

There seems to be an nord nate amount of E skip from the west/southwest this year vis-a-vis the more typical east/southeast. KOTI-2 was a pleasant surprise. They came in on top of KHAZ with an ad for Crater Lake Ford in Medford then went back to the Tonight Show. This station broke my old E skip distance record by 111 miles.

Local KTCA 2 was kindly absent during many of the skip openings in June. they were off the air each afternoon June 6-12 for antenna repairs.

Trops have definitely been lacking this summer which has been unusually cool here in the upper Midwest. A Twin Cities meteorologist remarked that the official high temperature made it into the 80s only three times in July!

William Eckberg, 1032 Sterling Road, Dixon IL 61021

GDT

Equipment: See July 1992 Western TV-DX.

July 1992

7 Es 0950 WESH 2 FL 985 21 Es 1720 KREG 3 CO 933 28 Es 1000 WGBH 2 MS 918
 1000 WPBT 2 FL 1229 tr 2245 WBTJ 89 IN 214 1030 WFSB 3 CT 842
 1015 WEDU 3 FL 1031 22 Es 1100 WESH 2 FL 985 1130 WTKR 3 VA 767
 1300 WWAY 3 NC 800 WWAY 3 NC 800 29 Es 0455 CHAU2 3 PQ 952
 13 Es 0905 WPBT 2 FL 1229 28 tr 0435 WLMT 30 TN 451 0457 CFAP 2 PQ 938
 21 Es 1050 KNAZ 2 AZ 1258 Es 0930 WGBS 2 NY 792

I had seventeen skip oggings from June 20th through July. All but three were AM. That is the least through the prime season I can remember.

I had a rare early AM opening into Quebec. The info on the color bars was different than anything seen before on that channel. I hope to verify my conclusion as to their origin from photos at the convention. At prime skip distances, I've certainly seen them in the past. I've never seen any of the French Canadians ID during programming. This was a rare opportunity to positively ID them.

Frank Merrill, P.O. Box 569, Macomb IL 61455 (309-833-2661)

GDT

Equipment

ICOM R-7000 VHF-UHF communications receiver with video adapter and Zenith .1310C9 13 inch. VHF-UHF (Winegard 8100?) with Winegard PA-4975 preamplifier, RG-11, at 40 feet.

May 1992

1 tr 0232 KSWO 7 OK 618 8 Es 0900 XEFB 2 NL 1181 10 au 0512 unid 14- audio
 OKC UHFA 502 WBRZ 2 LA 701 (Only from net)
 0248 KWKT 44 TX 733 WEDU 3 FL 990 tr 0531 K450F 45 MN 255
 0251 Tulsa 41, 47 410 KMOL 4 TX 883 (Austin STV-CBN)
 K2BCR 26 MO 231 KDBC 4 TX 1083 0537 WHLA 31 WI 234
 (Kansas City HSC) unid ch 4 Mexico (LOCAL)
 0308 W43AG 43 KY 301 1030 KGBT 4 TX 1069 WHWC 28 WI 323
 (Hopkinsville LPTV) KRGV 5 TX 1069 (Rare strong)
 0309 K43CJ 43 AR 299 KRIS 6 TX 962 0538 W25AN 26 WI 390
 (Mountain Home TBN) WCPX 6 FL 979 (Lac du Flambeau STV)
 0315 KXLN 45 TX 800 WESH 2 FL 952 0540 W49AG 49 WI 200
 0318 KERA 13 TX 648 9 tr 0506 KTBO 14 OK 502 (Bloomington WHLA-31)
 KTEJ 19 AR 314 W43AG 43 KY 301 (Snow free)
 ("AETN") Huntsville 31, 48, 54 465
 0350 KFDXT 3 TX 48, 54 465 0513 WLCN 19 KY 274
 0438 KXAM 14 TX 807 (Snow free) (Marshalltown CHA)
 (//KXAN-38 ANC) 0520 WLMT 30 TN 356 (See Note # 2)
 0447 KLUVN 23 TX 561 (Snow free) 0608 K14AF 15 IA 205
 (See Note # 1) Es 1745 WMAR 2 MD 743 (Decorah KYIN-24)
 0523 KYDA 60 TX 882 10 tr 0220-0300 Many OH Us (w/WLAX-25 vid)
 0529 KXAN 36 TX 806 CIII22 22 ON 420 0637 K74CZ 74 MN 254
 0531 KAFT 13 AR 369 K38CL 38 MN 254 (Winona KTTC-10)
 0545 KFAA 51 AR 359 KRIV 26 TX 800 0720 K630Y 63 MN 425
 KXII 12 OK 557 KXLI 41 MN 374 (Little Falls KMSP-9)
 0550 KBYO 42 TX 806 KXLT 47 MN 264 K57CN 57 MN 281
 ("WHS-515") 0418 K51CY 51 MN 255 (Wabasha KSTP-5)
 0556 KLTJ 22 TX 800 (Austin STV USA) 0750 K38CL 38 MN 254
 0640 KFWD 52 TX 846 K530I 53 MN 255 (Over K38AB!)
 KTLG 43 OK 501 (Austin STV-SHO) 14 tr 0230 strong to se 300
 0651 KABB 29 TX 882 (No audio) Es 1240 XEFE 2 TA 1026
 0859 KXON 35 OK 393 K55Fw 55 MN 255 1241 XEFB 2 NL 1181
 5 Es 1700 WKTV 2 NY 826 (Austin STV-CNN) 15 tr 0400 W39BH 39 IL 148
 CBFT 2 PQ 926 (No audio) (Champaign HSS)
 WCAV 3 VT 947 0421 K49DB 49 MN 255 Es 1759 WPBT 2 FL 1164
 1705 WBZ 4 MA 1010 (Austin STV TBS) WTVJ 4 FL 1163
 WCVB 5 MA 1010 0427 K57EU 57 MN 255 tr 2048 Huntsville 48,54
 WSTM 3 NY 768 (Austin STV-LIF) (Brief)
 1714 WLBT 2 ME 1150 0440 K61EU 61 MN 255 10 Es 2327 WRBL 3 GA 648
 6 Es 1120 WESH 2 FL 952 (Austin STV-TNN) 2334 WESH 2 FL 952
 7 Es 1230 CBFT 2 PQ 926 (Through K61FF) WJXT 4 FL 867

Frank Merrill (continued)

8 tr 0705 W57BJ 57 WI 301 11 tr 0205 Marshalltown IA
 (Green Bay TAB) translators 181
 W54AR 54 WI 360 K35CF 35 IA
 (Fence WPNE-38) (Des Moines TBN)
 (IDed by bearing) (See Note # 5)
 ONLY - not IA) Es 1140 Arizona 2, 3, 5
 W64AV 64 WI 240 1200 KIDK 3 ID 1146
 (Adams WHRM-20) 1200 KTO 2 NM 919
 Es 1957 KTVK 3 AZ 1276 (See Note # 6)
 2032 KPHO 5 AZ 1276 unid ch 22 PQ
 2036-2100+ XHBC BN 1934 CFCL2 2 ON 760
 (Yuma on FM) CKRNT 4 PQ
 7 Es 1100 KMID 2 TX 886 2034 CJOH6t 6 ON
 8 Es 0035 KCJBR 2 PQ 1199 2057 CKBI 5 SK 1126
 ("Quebec") 2100 CFRN 3 AB 1380
 &CBFT2 3 PQ 856 2129 CFQC1 3 SK 1150
 ("Montreal") CITL 4 AB 1271
 unid channel 3 2144 CBX1 5 AB 1387
 (Full) CBNs no ID) 2204 unid channel 4
 0108 &CKCW 2 NB 1346 2234 CFON 4 AB 1341
 ("ATV") CKCX 2 AB 1345
 0113 &CKLT1 3 NB 1222 13 Es 0040 KKTTO 2 NM 919
 ("ATV" // above) 0232 KUTV 2 UT 1127
 0130 &CBHT 3 NS 1395 1000 WPBT 2 FL 1164
 ("CBC-N.S.") 1930 KVM 3 PA 810
 0132 &JCCH 52 NS 1933 WPVIT 6 PA ABC
 0156 WBZ 4 MA 1010 1939 WMAR 2 MD 743
 0159 unid channel 6 2000 KACB 3 TX 818
 (See Note # 4) 2130 CFSK 4 SK 1101
 0220 all fade 2145 KQFE 2 ND 643
 tr 0225 W29BE 29 MI 298 2152 CKOS 5 SK 941
 (Muskegon TBN) CFSS 3 SK 871
 0311 KHOG 29 AR 359 2230 CJFB 5 SK 1072
 0422 WEAQ 49 OH 472 CBCP3 3 SK 1030
 WNEO 45 OH 509 KSRE 6 ND 746
 Es 1228 WPBT 2 FL 1164 KWSE 4 ND 841
 1530 Salt Lake 2,4,5 2239 KBME 3 ND 661
 1127 2258 CKCK 2 SK 960
 1600 KCWC 4 WY 944 2326 KXGN 5 MT 834
 KTWO 2 WY 824 ("KX14/KX6")
 1630 KIDK 3 ID 1146 2335 KYUS 3 MT 866
 tr 1949 KITN 29 MN 342 (// KOUS-4)
 KHNE 29 NE 391 KOUS 4 MT 952
 KHOG 29 AR 359 14 Es 0002 KRTV 3 MT 1132
 9 Es 1100 WEDU 3 FL 990 0008 CKCK 2 SK 980
 1900 XHRIQ 2 TA 1080 0106 KKTTO 2 NM 919
 KGBT 4 TX 1069 tr 0156 W54BK 54 IN 200
 unid ch 3 Mexico (Chesterton ANC)
 tr 2040 KITN 29 MN 342 0203 W18AT 18 IN 191
 KXLT 41 MN 374 (Gary NOAA wx)
 10 tr 0118 WQHS 61 OH 470 0213 W25BH 25 MI 248
 0400 W29BE 29 MI 298 (Barrien Springs TAB)
 (Muskegon TBN) 0216 W24AI 24 IN 216
 WTLJ 54 MI 298 (Michigan City TBN)
 (Also TBN) Es 1253 KGWL 5 WY 946
 Fort Wayne US288 MUF 107.9 MHz
 Northern OH Us 1419 KDUH 4 ME 863
 Detroit UHFs 403 KOTA 3 SD 690
 WSFJ 51 OH 434 1432 KIVV 5 SD 723
 (Strong) 1458 ND eds 3,4,5,6
 Es 1750 KTVK 3 AZ 1276 1518 CKBI 5 SK 1126
 1830 KGWL 5 WY 946 1535 CKOS 5 SK 941
 KIDK 3 ID 1146 CFSS 3 SK 871
 unid ch 6 Idaho 1559 KQFE 2 ND 643
 1835 KREG 3 CO 887 CKND2 2 MB 818
 1850 KREX 5 CO 954 1602 CBWFT 3 MB 725
 KCNC 4 CO 772 CBWFT4 3 MB 848
 1915 KNAZ 2 AZ 1197 CBWT 6 MB 725
 KMID 2 TX 886 1606 CBWYT 2 MB 987
 (Plano CHA) 1641 CBWT2 4 MB 724
 (Like a local)

Frank Merrill (continued)

14 Es 1641 CBWGT 1 5 MB 850
1700 CBWFT 2 ON 670
CBWFT 5 5 MB 1108
(See Note # 7)

15 Es 1420 WPBT 2 FL 1164
1840 El Paso/Juarez
chs 2,4,5 1063
2028 KENS 5 TX 885
2228 WWL 4 LA 728
2232 unid channel 2
(See Note # 8)

2258 WLBT 3z MS NBC
16 Es 0617 WESH 2 FL 952
0620 KBTX 3 TX 747
0622 WKTO 2 NM 919
WBRZ 2 LA 701
0627 KPRC 2 TX 799
0630 KMID 2 TX 856
KFDX 3 TX 628
0633 KDFW 4 TX 646
0636 WWL 4 LA 728
0639 WDSJ 6 LA 725
KACB 3 TX 818
0647 KJRH 2 OK 410
(See Note # 9)

0651 KIII 3 TX 967
0654 WKRG 5 AL 691
0658 WEAR 3 FL 698
0659 KENW 3 NM 859
0718 KATC 3 LA 725
0729 KAMR 4 TX 705
KACV 2 TX 703
0737 KOB 4 NM 933
0745 KNHE 5 NM 933
(AM Weather)

0824 KREZ 6 CO 952
KOAA 5 CO 755
(Busy on FM)

0959 KNAZ 2 AZ 1197
1023 KOB 4 NM 933
1038 KUATZ 6 AZ
(Johnston City TAB)

1049 KVOA 4 AZ 1241
1110 KBBC 4 TX 1063
1605 Cuba 2 ICRT TP
(See Note #10)

1629 WPBT 2 FL 1164
1631 Cuba 4 ICRT TP
(See Note #10)

1800 KMOL 4 TX 883
WBRZ 2 LA 701
1830 CKSA 2 AB 1271
CITL 4 AB 1271
1841 CKRD 6 AB 1359
1852 CFQC2 6 SK 1150
CFQC1 3 SK 1150
1859 KF88 5 MT 1132
KXLF 4 MT 1158
1938 CBXT 5 AB 1387
1941 CKXX 2 AB 1345
CFRN 3 AB 1380
1944 CFCN 4 AB 1341
1957 KMOL 4 TX 883
XEFE 2 TA 1026
XHPN 3 CL 987
2056 KHQ 6 WA 1404
2100 KRTV 3 MT 1132
KREM 2 WA 1404
tr 2215 KVDA 60 TX 883

18 tr 2216 KDTX 58 TX 648
2221 KATV 7 AR 422
2228 KVUE 24 TX 808
2230 KATF 13 AR 369
KDAF 33 TX 646
2242 KWEX 41 TX 880
2243 KRRT 35 TX 880
(In all night)

2245 KXTX 39 TX 646
KBVC 42 TX 806
KXLN 45 TX 800
KNCT 46 TX 761
KHSX 49 TX 646
2258 KRIV 26 TX 799
2358 KLRN 18 TX 806
0000 KLTU 34 TX 732
(See Note #11)

0014 KTVT 11 TX 646
unid channel 23+
(See Note #12)

0055 KVHP 29 LA 722
0200 KLSB 19 TX 651
(See Note #13)

0204 KLTU 55 TX 566
("The Power Ch")

0212 KXXV 25 TX 731
(Over WEEK)

0228 KLTU 7 TX 602
(All night ABC)

0505 WLMT 30 TN 368
(Rare)

0630 KASN 38 AR 424
unid channel 35
(See Note #13)

0630 Evansville 242
WTCZ 27 IL 218
KHOG 29 AR 359
WAFF 48 AL 455
W43AG 43 KY 301
W17AZ 17 IL 215
(Johnston City TAB)

Es 1750 WECT 6 NC 780
1830 WPBT 2 FL 1164
WEDL 3 FL 990
18 tr 0300 K43C 43 AR 299
KTBO 14 OK 502
Es 0800 KNAX 2 AZ 1197
0819 KVOA 4 AZ 1241
0923 El Paso/Juarez
chs 2,4,5 1063
KTVK 3 AZ 1276
KNAZ 2 AZ 1197
2257 WBRZ 6 AL 525
(Previously tr)

2300 KOAA 5 CO 755
2302 WEAR 3 FL 698
2304 WTVY 4 AL 712
2328 KACV 2 TX 703
2333 KCCZ 4 CT 216
KCNK 4 CO 772
2336 KWGN 2 CO 772
19 Es 0009 KAMR 4 TX 705
0021 KKTO 2 NM 919
0030 KENW 3 NM 859
0041 KNME 5 NM 933
0142 KGWL 5 WV 946
0157 KTVX 4 UT 1128

19 Es 0218 CHATZ 8 AB
(3/4 - Clock LL)

0255 KSL 5 UT 1128
0315 KUTV 2 JT 1127
0330 MUF still 99.11
0400 KOTA 3 SD 690
0418 CFQC1 3 SK 1150
0430 CKCK 2 SK 960
0458 CKYB 4 MB 782
0525 CFQC1 3 SK 1150
0800 El Paso/Juarez
chs 2,4,5 1063
Florida ch 2

2150 CKSA 2 AB 1271
2230 CITL 4 AB 1271
20 Es 0102 CFQC1 3 SK 1150
1000 WEDU 3 FL 990
WESH 2 FL 952
2029 CITL 4 AB 1271
CKCK 2 SK 960
2100 CKBI3 4 SK 1028
CKBI 5 SK 1125
2158 CFSC 4 SK 1101
2201 CKBI# 2 SK
2239 CFRN 3 AB 1380
21 Es 1213 KNAZ 2 AZ 1197
22 tr 0530 WAFF 48 AL 455
WZDX 54 AL 455
Total overload
to east.

23 Es 1759 CKBQ 2 SK 1010
(See Note #11)

1803 CKSA 2 AB 1271
24 tr 0440 KTBO 14 OK 502
(Local program)

0450 WTVB 69 IN 236
Central OH UHF
SW Ohio JHFs
0515 Dayton 22, 45
snow free 340
2141 unid ch 29- ese
26 ms 0237 KKTO 2 NM 919
(Previously Es)

29 tr 0240 Hunstville 31,
48,54 463
WDSI 61 TN 465
W53AF 53 MS 417
(Booneville WBUY 40)

July 1992

4 tr 0514 W54BK 54 IN 200
0517 KYOU 15 IA 99
Es 1100 XLF 2 NL 1161
1650 WESH 2 FL 952
1728 WEDU 3 FL 990
KIII 3 TX 967
KQST 4 TX 1069
1830 XHRIO 2 TA 1080
1838 XEF 8 ??
1850 unid ch 3 XHQC
(Probably XHBQ)

1901 XHQC 5 DF 1541
(See Note #16)

6 tr 0750 K64 64 MO
(Unknown VVN)
(St. Louis hdy)
K5BDH 58 MO 140
(St. Louis VVN)

Es 1030 CFQC1 3 SK 1150

Frank Merrill (continued)

9 tr 0448 Austin 46,51,55,
CCI 61 255
K48AA 48 MN 317
(St. James STV)

6 Es 1030 CKCK 2 SK 960
@unid ch 3 SK
("CBC Regina")

9 tr 0420 W18AT 18 IN 181
W54BK 54 IN 200
WXXOW 19 WI 234
weak Cleveland,
WBSK, Detroit,
and WTLW
0435 WTLW 11 OH 386
WUPW 36 OH 383
(Snow free)
WQAC 67 OH 490
KALI 41 MN 374
KXLT 47 MN 264

12 Es 1225 @KTX 5 TX 779
16 Es 0549 unid ch 3 PQ
("Quebec")
@unid ch 3 ON?
("Ottawa")
(See Note #13)

0500 WUAB 43 OH 469
(Snow free)
0515 WVIJ 25 OH 487
(Over WEEK)
0530 W6BAA 67 IL 162
(Danville WAND-17)
(W/WTJR 16 aud)

10 Es 1000 WUND 2 NC 834
12 Es 0718 &KYUS 3 MT 866
(S9 + 40 dB)

0730 CKCK 2 SK 960

Note # 1 0447, 01 May - This one was "down in the mud" (weak floater with WIFR-23) with other D-FWs nearly or totally snow free, yet John Combs' mileage printout shows this Dallas suburb station as 85 miles (!) closer than the Cedar Hill antenna farm. Where is their tower? (3720 Marquis Dr in Garland about 620 miles from your house. fm..)

Note # 2 0540, 10 May - Satellite feed ruined by microwave tropo ducting CCI.

Note # 3 - 1029, 05 June I noticed that their ID slide co-IDs with the new channel 2 in Jackson, Wyoming, so when I get this again (VERY rarely) I'll certainly be checking channel 2 for parallels on any local stuff

Note # 4 - 0159, 08 June Call 346-TIPS for "News Center 6" news tips. Not WCHS-6, Maine, (I tried) so unlikely needed, but would still be nice to know. (WRGB-6 has a 346 prefix. fm)

Note # 5 0205, 11 June - Heavy "translator-type CCI" against WOTO-35 It may have briefly been on top. If so, they're also TBN, but I couldn't really tell if WOTO ever yielded. Is this or somebody else in Iowa here now? (K35CF was licensed 06/19/92. fm)

Note # 6 0700, 12 June Super-enhanced 300 mile tropo all directions except northwest.

Note # 7 - 1700, 14 June - This station does not appear in the WFOA Data Base, but I later noticed it was on the John Combs mileage printout. I called CBC-Winnipeg 15 June to find out what I had, and they said their only SRC net on channel 6 was this 72 Watt outlet. Has this station ever been DX'ed before? This is my lowest power E skip logging though I surely had a brief Idaho(?) channel 3 translator several years ago around 0300 or 0400. Seven new E skips in one day is "unknown" for me, nowadays. Five new channel 5s in 44 hours made me feel like I'd just started a new log! The period June 12th to June 18th is probably the "most interesting" seven day period I've ever DX'ed, though the "best" would still be the massive tropo opening around Thanksgiving 1986

Note # 8 2232, 16 June - Spanish newscast causing "bizarre CCI" to KTVI 2, with "Cadena de la ..." in the lower left. Veracruz? Double hop E skip? WBRZ-2, Louisiana, conspicuously absent. I don't recall ever seeing this CCI before.

Note # 9 0647, 16 June This is my closest E skip ever logged, giving Miami ("My-am-Jh") and Ponca City temperatures. Former closest was KSNC-2, Kansas, 455 miles.

Note #10 1605, 1636 16 June Where are these Cubans, anyway? I've never seen a trace of these on the rare occasions I've had 3-5-6 Cubans and today there was no trace of those others.

Note #11 0000, 17 June Channel 34. Both nearby TBNs are channel 34+. No aural ID. "In and out most of the night."

Note #12 0019, 17 June - This is strange! Audio was 23+ and carried Univision or programs that are carried by that network. Jeff Kadet wrote to Glenn Hauser who ID'ed the tape and said that KUVN, Garland, Texas carries Univision. This all sounds fine and dandy, except that KUVN is 23z. So what was this? Perhaps a wrong offset in the Data Base for KVEO or something.

Note #13 - 0530, 17 June - This one ran an ad for "KBSC" Radio which I do not have a listing of. It could have been KRRT 35, Texas, but I doubt it the other Texans had faded by now. Perhaps a translator in Arkansas?

Frank Merrill (continued)

Note #14 - 2201, 20 June/1759, 23 June - One phone call to CIPA-TV (not listed in the Data Base and I forgot to ask what channel they're on) (Channel 9. fm) solved both of these, sort of. On June 20th, I had "CKBI" programming on channel 2. This is a 3 kW transmitter at Spiritwood. My "CIPA-TV" on channel 2 was the Melfort (Star City) transmitter, which is still CKBQ. Apparently the one company owns both CKBI (CBC) and CIPA (CTV). I'm wondering whether this information is correct? My June 20th reception was 2+ offset which is correct for (listed) CKBQ and my June 23th reception was 2- offset which is wrong for them. Also, the Melfort calls "CKBQ" mimic CKBI a lot more than they mimic CIPA. CIPA is, by the way, in Prince Albert, which explains the many Prince Albert mentions seen June 23rd during community notes show. I also wonder whether CIPA had these two "reversed" because, just after "CIPA", I had CKSA. Spiritwood is only about 100 miles east of Lloydminster! It appears that the CRTC is doing the same thing with fairly-low power VHF's ("short spacing" them) as the FCC is doing on UHF with translators (such as W24AI Michigan City, Indiana, "short spaced" to WGBV-24, Milwaukee).

Note #15 - 1838, 1901, 04 July - XEX (which carries XHGC) ID'd by recognizable CCI and the channel 5 parallel. At 1901, a true XHGC ID was seen on channel 5. When I've had XHAJ they always had an XHAJ/XEX ID slide during XHGC's local ad/ID breaks - I have never seen an "XHGC" ID on XHAJ/XEX, until now. Does this mean that I truly had XHGC? To confuse matters all the more, the sky guide in Satellite Orbit Magazine shows transponder 10 of Morelos 1 as belonging to XHGC/XHAJ. Does anybody know what's going on here?

Note #16 - 0549, 18 July - The "Quebec" test pattern had channel 3+ audio, suggesting CBFT2, but isn't that test pattern supposed to say "Montreal"? I always thought the "Quebec" on channel 3 was CBVT2, but CBFT2 is the only channel 3+ shown in Quebec. More mysterious is the "Ottawa" printed in huge white letters. I couldn't determine its offset. I show a CKRN3-3 in Bearn/Fabre which picks up CKRN, but where does CKRN get its signal from? CBFT-9, Ottawa? "Ottawa" and a clock are language neutral, so it could have been either a French or an English station.

This has definitely been a strange DX season! There's been recent E skip, but very rarely into FM at all - and no tropo in about a month. The season seems to have crashed and burned as soon as summer officially arrived. I'm surprised, too, by the unusual amount of Canadian E skip this year - and most of the tropo has gone into the "wrong" direction! Before this year, I'm not sure if I've ever had significant "long-haul" more south than west tropo DX (Texas from here; Mississippi, Arkansas, Memphis, southern Missouri, eastern Texas from Ohio) at this time of year, and there's been three of them since April! Jeff tells me I missed some Austin, Texas, while in Indiana. Usually, I expect these in September through January. I've seen some of the typical summer/late spring tropo openings (Ohio, Wisconsin, Minnesota), but none of the most common long-haul summer stuff (CITY-57, WPGH-53, WSBH-47) has shown up yet. So, tropo and E skip (with all the Canadians) are both bizarre this year - why? I'm also surprised how often I see "foothills" E skip from less than 800 miles, such as KOAA-5 (755) seen here 5 to 10 times since starting my log, similar distances to the east like Washington DC channels 4 and 5 (726) and WFIL 6 (810) are among stations NEVER seen here via E skip! Fortunately, both DCs once came in on a super meteor burst. Even more surprising, I've seen KXAS-5 (646) via E skip three or four times. I've seen Ralph Strobel get Des Moines E skip on FM (300 something), Danny Buntin get FMs in the 300s, etc. Is there something about the Great Plains which encourages short hop E skip. I never see, for example, New Jersey DXers getting Charlotte or Detroit via E skip. It's probably good (for me) that the season just-up-and-walked-out in June; I already had so much to post, and to report, that the project was awesome and intimidating, and almost became impossible. 73

John Ebeling, 6843 County Road 47, Albion MN 55702 (218-345-6718) CDT

Equipment: See July 1992 Western TV-DX.

July 1992	6 Es 1300	CKXX 2 AB	7 Es 1200	KTWO 2 WY 730
1 Es 0130	unid ch 2 Canada	7 Es 0900	unid ch 2 French	1300 KTVQ 2 MT 755
	("CBC Edmonton		unid ch 2 CBS	1330 KXGN 5 MT 565
	Ch 2, Cable 4")		unid ch 2 toons	1800 KBCT 2 ID 1155
6 Es 1100	unid channel 2	0915	KREM 2 WA 1150	MUF to FM
	(Probably AB)	0945	KXLY 4 WA 1140	2000 KETS 2 AR 865

John Ebeling (continued)

12 Es 1050	KREM 2 WA 1150	25 Es 2100	KDTN 2 TX 1020
1300 WSB	2 GA 1010	Es gone	
1300-2200 away		2223	KWOL 4 TX 1260
2200 KKTO	2 NM 1055		
2230 KPRC	2 TX 1216	August 1992	
2010 unid ch 2 MDT		2 Es 1822	CKKX 2 AB
2054 KDTN	2 TX 1020		

Dave Pomeroy, 2321 SE Libra Court, Topoka KS 66605-1827 (913-266-5477) CDT

Equipment:

VHF Radio Shack VHF/LHF (model unknown). Channel Master 6' UHF parabolic w/ Radio Shack preamplifier.

July 1992

15 tr 0600-0800	15 tr 0644	K61CW 61 OK 280	15 tr 0644	K57 57 ??	
K67 - 67 ??	(Woodward)	KFOR 40	(Junkown)	PBS)	
(Unknown	KOMH-26)	KTBO 14 OK 260		K40DD 40 IL 365	
K65CO 65 OK 260		K14HK 14 KS 170	(Gruver)	KCIT-14)	
(Woodward	KWTV- 9)	(Great Bend	KSAS-24)	K56AY 56 OK 305	
K66AB 66 TX 345		k53 53 ??	(Beaver	KWET 12)	
(Perryton)	KAMR- 4)	(Unknown	KCIT-14)	K69DA 59 KS 130	
K58AX 58 OK 270		K33CF 33 TX 385	(Wichita	TBN)	
(Buffalo	KWET 12)	(Wellington	KVII- 7)	0800	KVII 7 TX 425
K63CF 63 OK 260		K20BR 20 OK 285		KBSD 6 KS 270	
(Woodward	KOCO- 5)	(Gage	KWTV- 9)	KCIT 14 TX 425	
K68AD 68 TX 345		K45AU 45 TX 310		KAMR 4 TX 425	
(Perryton	KVII 7)	(Booker	KVII- 7)	21 Es 1800	KIDK 3 ID 930
K69 69 ??		K22CP 22 KS 105			
(Junkown	PBS)	(Salina	KAKE 10)	August 1992	
0644 K64AC 64 TX 345		K44CC 44 TX 365		4 Es 1700	WWAY 3 NC 1025
(Perryton	KFDA 10)	(Gruver	KFDA- 10)	WUND 2 NC 1080	

Jeff Kruska, 2824-E Steamship Circle, Harahan LA 70123 (504-733-8539) CDT

Equipment:

Sylvania 12 corner yagi. black and white, quad loop cut for channel 2, Radio Shack U-75 Mitsubishi HS-U31 VCR.

July 1992		5 tr	0538	OKS-LA	12 LA	290	6 tr	0545	KXAN	36 TX	464	
4 Es	1631	WSTH	3 NY	1186	0541	OKVUE	24 TX	454	0607	unid channel	38	
	1700	WMAR	2 MD	1003	0552	OKMSS	33 LA	290		(See Note # 2)		
	1733	KOAA	5 CO	1003	0557	+KTV	10 AR	247	1920	XHAB	7 TA 526	
		KWGN	2 CO	1084	0613	OKZTV	10 TX	473	2000	XERV	9 TA 559	
	1841	KKTO	2 NM	1026	0627	OKXV	25 TX	433		(Like a local)		
5 tr	0128	KBMT	12 TX	221	0646	KLTS	24 LA	290	2101	KIII	3 TX 474	
	0158	KSAT	12 TX	485	0648	OKLRN	9 TX	491	2215	KENS	5 TX 486	
	0248	KTRK	13 TX	318	0650	unid	56 rel west			KZTV	10 TX 473	
	0313	KERA	13 TX	438	0718	KXAS	5 TX	439	7 tr	0552	KBITX	3 TX 350
		(Station #2001)			0759	KETG	9 AR	322	0553	KLMO	14 TX	523
	0328	KTVI	11 TX	438	1945	XHAB	7 TA	526		(See Note # 3)		
		KTBC	7 TX	454	2000	KUHT	8 TX	318	Es	1705	KDLO	3 SD 1112
	0400	WEAA	8 TX	439		KFDM	6 TX	226	1710	KMTV	3 NE	849
		(Over WVUE)				KBMT	12 TX	221	1712	KQTV	2 MO	709
	0431	KENS	5 TX	486		(See Note # 1)			1758	KTCO	2 MN	1055
	0432	KRRR	35 TX	521	2158	KIII	3 TX	474	1759	KDLH	3 MN	1167
		K21DM	LA	130		KZTV	10 TX	473	1800	KGAN	2 IA	857
		(Lafayette			2206	KRGV	5 TX	460	8 tr	0555	KLRT	18 AR 361
	0443	KXAN	36 TX	454	2213	KGBT	4 TX	532	0558	KHYV	1' AR	381
	0500	KIII	3 TX	474		(Floaters o/WML)				KETG	6' AR	322
	0503	KABB	29 TX	486	2221	XHRI	2 TA	526	0628	KATV	7 AR	334
	0510	KRBC	9 TX	586	2233	XERV	9 TA	559	0652	KTBS	3 LA	290
		(Furthest tropo)			6 tr	0454	OKDAI	33 TX 439	0705	KMCTT	39 LA	
	0512	OKLTV	7 TX	346	0458	OKGBT	4 TX	532	0730	KETS	2 AR	334
	0525	KTEN	10 OK	480		(Local WML off)			0737	KRRR	35 TX	521
		(New tr state)			0532	KABB	29 TX	486	0827	KTYE	10 AR	247
	0528	+KTRF	9 TX	292	0533	WGBS	30 MS	187	2000	KHOU	11 TX	319
	0533	KLSB	19 TX	289	0544	KVEO	23 TX	534		tropo fading		

Jeff Kruska (continued)

10 tr 0630 KLTN 13 LA 191 14-19 away
 11 Es 2029 unids 2,3 brief 20 Es 1800 KBME 3 ND 1281
 9 tr 2046 Houston 11,13 12 Es 1000 KACV 2 TX 770 28 Es 2015 unid ch2 Spanish
 10 tr 0630 KSLA 12 LA 290 1030 KOAA 5 CO 1003

Note #1 - All locals on these channels were easily being wiped out by the Texas stations. Only local channel 4 was watchable on VHF.

Note #2 - With cartoons, maybe WTTA? Local WNOL inexplicably off!

Note #3 - This is the new one in Llano. Running KXAN-36 news.

The gulf megatropo opening of 7/5-7/8 was one for the record books! I almost missed it, too. I was ready to go to bed the morning of the 5th when I noticed KBMT-12 coming in awfully strong. I decided to see if some of my regulars would then come in and ended up pulling an all-nighter! A high pressure area had set up nicely over the gulf and stayed there the next 4 days! I nearly cleaned up on E and SE Texas. Here I was desperately waiting for station #200, getting an Es station here and there, then I get 20+ new stations in 4 days! Ron LeBlanc (Marrero) did a lot better than me - on the morning of the 6th, he had KOCB 34, KSHB 41, WIBW 13, KTKA 49, and KSNT 27, the latter three at 700 miles! Noting the lack of any big E-skip opening, if it weren't for the tropo opening, this month would have been a lot less exciting.

Fred McCormack, 2384 Teakwood Dr, Maplewood MN 55119-5520

CDT

Equipment:

General Electric 9" color (Model 09GP103). VHF: Rabbit ears. UHF: Archer Golden-U UHF Indoor Antenna (2 bow-ties).

July 1992

16 tr 0722 K49CU 49 MN 155
 (Walker KMSP-9)
 0758 K45DF 45 MN 90
 (Austin STV-CBN)
 0800 K51CY 51 MN 90
 (Austin STV-USA)
 0828 KYNE 26 MN 295
 0843 KPTM 42 NE 310
 0859 K40CO 40 IA 185
 (Storm Lake KHEG-14)
 0900 KHIN 36 IA 270
 0904 K49OB 49 MN 90
 (Austin STV-TBS)
 0909 K57EU 57 MN 90
 (Austin STV-LIF)

August 1992

4 tr 0759 K32AF 32 MN 95
 (St. James KSTP-5)
 8 tr 1223 KPTM 42 NE 310
 1359 KYNE 26 NE 295
 KSFY 13 SD 200
 1759 KDSO 16 SD 230
 9 tr 0128 KDSM 17 IA 215
 0149 KYFC 50 MO 415
 0216 KSPR 33 MO 530
 0300 KDEB 27 MO 535
 0310 KCCI 8 IA 215
 0359 KFME 13 ND 245
 0449 K45AR 45 MN 130
 (Eagle Bend LPTV)

9 tr 0507 WFLD 32 IL 340
 0531 WISM 12 WI 280
 0656 KVRN 15(MN) 195
 0724 K65DT 65 MN 165
 (Walker KVRN-15)
 K67BZ 67 MN 165
 (Walker KARE-11)
 0852 K39CJ 39 MN 180
 (Erhard STV-WGN-9)
 0855 K18AI 18 MN 165
 (Grand Rapids KVRN-15)
 0920 KDLO 3 SD 225
 1029 WOSE 8 MN 135
 WDIQ 10 MN 135

QSL CORNER (continued from p. 3)

NC WWAY 3 Wilmington, Box 2068, zip 28402. PFC card in 2 weeks from Dan Sullivan, K4GRJ (no title). (Ross)

Well, this month's reports come from Bruce Elving & Robert Ross. Sorry about missing a few months, as the QSL's reported are all I have to use. I hope more members will report their qsl's soon. I finally got for the computer an video frame grabber that I will use on the video id tape to put more tv station id's soon. I hope to see you at the convention/conference in Sept. 73's till later.

KWWL
 Iowa's News Channel

UNIVISION 34
 KMEX-TV LOS ANGELES

2
WISN TV

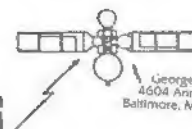
KIRO 07

California

9
KCAL TV
 LOS ANGELES

14
WTUK TV

9
UNIVERSAL
 WWOR-TV



SATELLITE NEWS

Here is the first of the yearly summaries. Each year I try to present a summary of current satellite usage in 3 areas. Video Services - Audio SubCarriers - SCPC Audio Services. The first - as usual - the Video services - going by each satellite from West to East as seen at this location in the Mid-Atlantic area of the East coast.

SATCOM C-5 (Aurora 2) - 139 W Odds - Vertical Pol.
 17 - Feeds Evens - Horizontal Pol.
 18 - Feeds
 24 - Alaska Satellite TV Project
 other transponders used for SCPC and other purposes.
 In general - even numbered transponders are directed to Alaska and odd numbered transponders are directed to the continental United States

SATCOM C-1 - 137 W Odds are Horizontal Pol.
 Evens are vertical Pol.

1 - Hong Kong - Jade Network - Mandarin Chinese for US
 2 - KUSA - Ch 9 ABC - Denver, Colorado VC2
 3 - KRMA - Ch 6 PBS - Denver, Colorado VC2
 4 - Sports Channel Pacific VC2
 5 - KMGH - Ch 7 - Denver, Colorado (CBS) VC2
 7 - Prime Ticket - Los Angeles VC2
 8 - NBC feeds
 9 - NBC feeds
 10 - AM's - Agnet VC2
 PM's - Home Sports Entertainment VC2
 13 - Prostar for Sports Bars
 14 - KCNC - Ch. 4 NBC - Denver, Colorado VC2
 18 - S. T. E. P. educational for classroom use
 20 - Sports Channel - Los Angeles VC2
 22 - day - Cal-Channel
 nights - Prime Sports Northwest VC2
 23 - KWGN - Ch. 2 Denver, Colorado VC2
 24 - Sunshine Network VC2

Galaxy 1 - 133 West Odds are horizontal/evens - vert.
 the following listing considers the movements to G5

1 - Comedy Central VC2
 6 - E. S. P. N. Blackout Channel VC2
 8 - Cartoon Network (proposed)
 10 - The Movie Channel - East VC2
 13 - Country Music Television VC2
 14 0 Shop-At-Home
 15 - WWOR - ch. 9 - Secaucus, New Jersey (New York)
 16 - Showtime - West VC2
 19 - Cinemax - East VC2
 20 - Galavision
 24 - Disney Channel - West VC2

OTNN
 THE NASHVILLE NETWORK.

ESPN

The Disney Channel

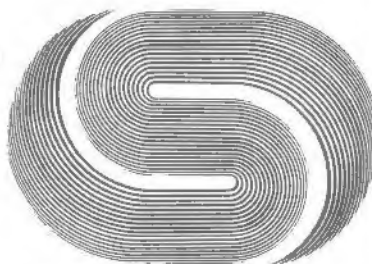
Cinemax



SATCOM F-1 - 131 W Odds - Vertical/evens - Horizontal

This satellite replaces F3 since last review. F1 was originally near where C1 is now located.

- 1 - American Movie Classics VC2
- 2 - The Learning Channel
- 4 - Request TV 2 VC2 (B-Mac proposed)
- 5 - VISION Interfaith
- 7 - Univision
- 8 - QVC Fashion Channel
- 9 - the Travel Channel
- 10 - USA Network West VC2
- 11 - Prime Network Sports VC2
- 12 - Court TV
- 14 - The Family Channel - West VC2
- 15 - E! Entertainment TV
- 17 - Lifetime West VC2
- 18 - New Inspiration Network
- 21 - Request TV 1 VC2 (B-Mac being tested)
- 22 - Home Shopping Club 2
- 24 - Bravo - Nights and Weekends VC2
- RAI USA Italian network from Rome
- Informercials



RAISAT

ASC 1 - 128 W Odds - Horizontal/evens - Vertical Pol.

- 2 - Visnews feeds
- 7 - Foxboro Racing L
- 9 - Open Net - various transponders used for this North Carolina service
- 16 - WBE - World of Better Entertainment
- 21 - BrightStar - Washington to London etc. feed
- 22 - Midwest Sports Channel VC2
- ON THE Ku Band
- 8 - Bluffs Run Racing
- 24 - test Pattern MAC
- other transponders used for misc. feeds and teleconferences

G-STAB 4 Ku-Band only - 125 West

- 19V - CNN Checkout Counter News
- 22H - CNN International L
- 23V - CNN Airport Channel
- 26H - TP ID as transponder 7



GALAXY 5 - 125 West Odds - Horizontal/Events-Vertical

- 1 - The Disney Channel - East VC2
- 3 - Trinity Broadcasting
- 4 - The Sci-Fi Channel VC2 (proposed location)
- 5 - CNN VC2
- 6 - Superstation TBS VC2
- 7 - WGN - Ch. 9 - Chicago, Illinois VC2
- 8 - HBO West VC2
- 9 - E. S. P. N. VC2
- 10 - Shop-At-Home
- 11 - The Family Channel East VC2
- 12 - The Discovery Channel VC2
- 13 - C. N. B. C. VC2
- 14 - The Movie Channel West VC2
- 15 - HBO East VC2
- 16 - Cinemax West VC2
- 18 - T.N.T. VC2
- 19 - USA East VC2
- 20 - B.E.T. Black Entertainment Television
- 21 - Mind Extension University
- 22 - CNN Headline News VC2
- 23 - A & E Arts and Entertainment VC2
- 24 - Showtime East VC2



TELSTAR 303 - 123 West odds-vertical/evens-horizontal

- 1 - TVN Cinema 1 VC2
- 2 - TVN Cinema 2 VC2
- 3 - TVN Cinema 3 VC2
- 4 - TVN Cinema 4 VC2
- 5 - TVN Cinema 5 VC2
- 6 - TVN Cinema 6 VC2
- 7 - TVN Cinema 7 VC2
- 8 - TVN Cinema 8 VC2
- 9 - TVN Cinema 9 VC2
- 13 - feeds
- 17 - Showtime FLIX VC2 (proposed)
- 18 - Fox Network East
- 19 - Showtime 2 VC2
- 20 - TVN Cinema 10 VC2
- 23 - Fox Network West
- 24 - TVN promo channel



S B S 5 - 123 West Ku-Band only

- 4 - MAC feed
- 14 - TP Bars only
- 18 - PSN (Personal Satellite Network) MAC
- 20 - test Card (ID's as 10 H)
- 28 - MAC
- 31 - Test card same as 20

VIACOM

SPACENET 1 - 120 West odds - horizontal/evens-vertical

- 4 - Shop-At-Home occasional
- 7 - HSN O/O
- 11 - Hospital Satellite Network occ. O/O
- 13 - Keystone Satellite Network
- 15 - Chancellor Broadcasting AM's weekends (Art Bell) MAC programming occ.
- 17 - U. S. Sat Corp. In-Store music CCC video
- 18 - Univision Feeds
- 24 - S. C. O. L. A.

MORELOS F-2 116.5 West Odds-Horizontal/Events-Vertical

- 8 - XHGC - Ch. 5 - Mexico City
- 9 - XHFM - Ch. 2 - Veracruz
- 10 - Feeds
- 11 - recently appeared and unidentified
- 12 - TNT Latin America MAC
- 13 - XEIPN - Ch. 11 - Mexico City
- 14 - XEW - Ch. 2 - Mexico City
- 15 - Unidentified MAC
- 16 - ZAS - basically a children's channel
- 17 - ITESM - Instructional television
- 19 - Cable News Service
- 21 - Senal de Prueba
- 23 - Nuestro Cable



ANIK C-3 114.9 West Ku band only
feeds only - may no longer be in use

MORELOS F-1 113.5 West Odds-Horizontal/Events-Vertical

- 2 - XHTMT - Imevision educational PBS type network
- 5 - MAC feeds
- 8 - XHDF - ch 13 - Imevision Mexico City
- 9 - possible new - unid.
- 11 - MAC - MultiDeportes possibly
- 13 - Unid
- 14 - XHTV - ch. 4 - Mexico City ALSO
- XEQ - Ch. 9 - Mexico City
- 18 - feeds



ANIK E-1 111.1 West Odds-Horizontal/Evens-Vertical

- 7 - feeds
- 8 - feeds
- 12 - CTV Network L
- 13 - feeds
- 14 - feeds
- 15 - Vision
- 16 - CTV feeds L
- 17 - Eurotele Canal 5 - Quebec Relay
- 19 - NCTV Northern Canada Television - Yellowknife and IQALIUT Northwest Territories
- 20 - Canadian Home Shopping Club
- 23 - Brightside Television - late nights only
NCTV feeds occasionally
- 24 - CTV Network L

The Ku side of E-1 is used primarily for news feeds and other events - CBC World News Channel is usually found on XPDR 20.

ANIK E-2 107.3 West Odds-Horizontal/Evens-Vertical

- 1 - The Weather Network
- 2 - TSN - The Sports Network O/O
- 3 - feeds
- 4 - First Choice VC2
- 5 - feeds
- 6 - MuchMusic
- 7 - CBC feeds
- 8 - CRCH - Ch. 11 - Hamilton, Ontario O/O
- 9 - WDIV - Ch. 4 - Detroit, Michigan O/O
- 10 - WXYZ - Ch. 7 - Detroit, Michigan O/O
- 11 - CBC North Pacific Yukon feeds
- 12 - Global Network news feeds
- 13 - Super Channel O/O
- 14 - CFTM - Ch. 10 - Montreal, Quebec
- 15 - CBC French Network feeds
- 16 - CBC World News Service O/O
- 17 - CBC North Labrador-Newfoundland feeds
- 18 - CITV - Ch. 13 - Edmonton, Alberta O/O
- 19 - CBC North Atlantic Territories service
- 20 - CBMT - Ch. 6 - Montreal, Quebec
- 21 - WTVS - Ch. 56 - Detroit, Michigan O/O
- 22 - CHAN - Ch. 8 - Vancouver, British Columbia O/O
- 23 - WJBK - Ch. 2 - Detroit, Michigan O/O
- 24 - CBC House of Commons Coverage

ON THE KUBAND side of this satellite are the following

- 6 - Super Ecran North beam VC2
- 8 - Musique plus North beam
- 10 - Radio Quebec (CIVM ch. 17 Montreal, Quebec) East
- 12 - TV Quatre Saisons (CFJP ch. 35 Montreal) East beam
- 16 - ROS - Réseau des Sports VC2 East beam
- 18 - TV Ontario - French East beam
- 20 - TV Ontario - English (CICA ch. 19 Toronto) East
- 22 - Canal Famille VC2 East beam
- 24 - Ontario Legislature
- 26 - YTV East beam
- 28 - Family Channel VC2 East beam
- 32 - ASN - Atlantic Satellite Network (Halifax) East

**Global
Television**
CANWEST GLOBAL SYSTEM



CBC TV
Toronto

G-STAR 2 105 West Ku Band only
used primarily for news feeds and teleconferences.
This is a good source for breaking major news stories of a local nature

G-STAR 1 103 West Ku Band only

- 20 - National Technological University MAC and Video Compression
 - 27 - Hospital Satellite Network O/O
- This bird is also a good source for breaking local major news stories covered by local TV remote units

SPACENET 4 101 West Odds-Horizontal/Evens-Vertical

- 6 - PBS - B
- 8 - PBS - A
- 9 - Three Angels
- 10 - PBS - C
- 12 - PBS - D

Ku-Band is used primarily for news feeds and teleconferences - though it seems quite inactive at this end

SBS - 6 99 West KuBand only

- 11 - ID Test Card
 - 28 - Conus news feeds
- rest is used primarily for news feeds and teleconferences

GALAXY 6 99 West Odds-Horizontal/Evens-vertical

- 5 - feeds
 - 6 - Shepherd's Chapel/National Christian Network
 - 7 - feeds
 - 8 - Catholic Television Network of America O/O
 - 14 - Family Network
 - 15 - World Harvest television WHMB Ch 40 Indianapolis, Indiana
 - 17 - AFEN - American Family Entertainment Network
 - 18 - ABC network and others to Japan L occ.
 - 19 - Swissair News feed
- except for the 1st 4 transponders, the rest of this satellite is used for both domestic and international feeds

SBS 2 97 West KuBand only

- 24 - NBC News Channel
 - 28 - News feeds
- NBC uses this bird a great deal.....

TELSTAR 301 96 West Odds-Vertical/Evens-Horizontal

Most transponders are used for many programming distribution feeds

- 2 - CBS VC1
- 3 - Warner Brothers
- 4 - ABC West L
- 6 - ABC L
- 7 - CBS VC1
- 9 - Warner Brothers/Paramount etc. feeds
- 10 - ABC L
- 11 - ABC L
- 12 - ABC L
- 20 - TBS New York



**WARNER BROS.
DOMESTIC TELEVISION
DISTRIBUTION**
A Time Warner Company

SBS 3 95 West Ku Band only - probably in inclined orbit

Most feeds are in MAC system and are for Holiday Inns Satellite Cinema PPV - CNN, ESPN, Showtime etc.



CONTINUED NEXT MONTH!

SPECIAL REPORT

THE STRANGEST SUMMER IN E-SKIP HISTORY BRINGS NO DX AND RECORD DX AT THE SAME TIME! Summer of 1992 will be remembered among VHF DXing enthusiasts as one that featured long quiet periods between openings in North America. It did not behave anything like an E-skip season usually can be expected to. Summer weather was hazy, too, with Mount Pinatubo's eruption getting most of the blame for cold weather in the East and Midwest. What isn't readily apparent though, is the reason for the way that atmospheric jetstreams behaved this season. The Pacific Northwest literally FRIED under unusually high temperatures, and rain fell in record amounts in the Ohio Valley. Pinatubo takes the rap for short term cooling, but how do you explain the weird jetstream activity? That's what ionospheric researchers are asking themselves right now, because E-skip patterns vary from summer to summer in a way that often parallels jetstream variations.

But what happened this June seems to be incredible. European DX publications and amateur radio VHF circles are astounded by reports of incredible multi-hop E-skip, reaching 108 MHz and higher, straight across the Atlantic for hours on June 22, and possibly briefly (and much weaker) on July 19th. By far, the session that everyone is talking about was the June 22nd super opening. It may go down in the record books along with the "all time greatest" sporadic-E events.

Two things are worth noting when pondering all this. First of all, these transatlantic E-skip sessions did take place on days which were notable for having little or no skip on the "usual" paths, as DXer Larry Curcio points out his July V.U.D. article. Secondly, as has been noted many times by DXpeditioners, a location on or near the Atlantic coast of North America was of paramount importance. Although, some of this skip did reach as far west as central New York and Ontario/Quebec on 50 MHz.

If any WTDers were in on any of the transatlantic E-skip—which will long be remembered as the high point of an otherwise very poor E-skip season—please, TELL US ABOUT IT! If you saw or heard anything out of the ordinary, please report it. This activity may go down into the record books with the all-time "greats," such as the October, 1970 "world E-skip opening" cited by the late Mel Wilson in his landmark E-skip research.

—Bill Thompson

ATTENTION: DUES INCREASE LIKELY NEXT MONTH!



OCTOBER'S VHF-UHF DIGEST WILL DETAIL NEW CLUB DUES RATES, PENDING APPROVAL OF THE BOARD OF DIRECTORS.

THOSE RENEWING BY OCTOBER 1st CAN GET A MAXIMUM OF ONE YEAR'S RENEWAL AT CURRENT DUES RATES OF \$17 PER YEAR IN THE U.S., (\$19 U.S. TO CANADA, \$27 ELSEWHERE!)

W.T.F.D.A. - P.O. BOX 514 - BUFFALO NY 14205-0514 U.S.A.

STATION BREAK

WTFDA Stationbreak
P.O. Box 514
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

LOGOS WANTED - Channel 2 through 6 TV station logos wanted for joint project of WTFDA and Monitoring Times magazine. Logos will be used to compile maps for each channel to aid E-skip DXers to identify stations. Include an SASE to receive finished product for free. Canadian, Mexican, and Caribbean stations especially wanted. Station catch phrases also useful. (i.e. "Newscenter 6") Mail to: TV DX Maps - 980 Broadway - Box 115 - Thornwood NY 10594

FOR SALE - Cable Television type hybrid amplifiers, 18 and 22 dB gain. Most cover 40 - 600 MHz or 0.5 to 200 MHz. (Great for HF) All have 5 dB or less NF and excellent distortion performance. (These dudes do not overload!) 24 Volts DC, 200 mA needed, you supply connectors. \$10 each includes S & H plus "How To" sheet. (Specify bandwidth needed) Postal Money Orders only. Please write: Jerry Monroe - 3135 Falls Road - Marcellus NY 13108

FOR SALE - Yamaha TX 930 AM/FM tuner, super DX machine AM and FM. Tunes in .01 MHz steps on FM / 1 kHz steps AM. IF has been modified (very selective, no distortion), excellent sound quality, 2 antenna inputs, 24 presets, alpha-numeric display, includes remote control. New cost \$450, asking \$325. Bill Nollman - 35 Nye Road - Glastonbury CT 06033 (203) 639-2883

YOUR non-commercial ad can appear in the VUD free of charge! This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers.

NEW IRCA AM-FM ALMANAC UPDATERS ARE NOW AVAILABLE!

The International Radio Club of America has published the fifth in the series of updaters to its 1991 IRCA AM-FM Almanac.

Updater 5.5 features 1992 baseball networks, Spanish networks (CBS Hispanic, Hispano USA, Spanish Information Service), Interstate Radio Network, and 11 pages of AM slogan updates.

Updater 5.6, due for publication in September, will feature "Talk Networks 1992," a complete guide to radio talk, with schedules, formats, indexes by title and host, and all available station listings.

Updater 5.7 is planned for October, featuring NFL and college football. Both 5.6 and 5.7 can be ordered in advance.

The first four updaters are still available:

Updater 5.1 - 6 page Almanac index, 11 page AM slogan updater, silent station update, network updates (CBS, NBC, etc.).

Updater 5.2 - revised AM listings for Satellite Music Network and Unistar/Transtar, talk show updates, network updates (BRN, CNN, etc.), complete 1991 baseball including 4 pages of minor leagues.

Updater 5.3 - Rush Limbaugh talk show list, updates of Travelers Information Service and Highway Advisory Radio stations on 530 and 1610 kHz, 1991 NFL and college football, 1991-92 NHL hockey.

Updater 5.4 - Updates to ABC, AP, UPI, and USA networks, ESPN and SEN sports-talk networks, Canadian nighttime music networks, 1991-92 NBA and college basketball, network updates.

Future updaters will appear as needed, 4 to 5 times per year.

Revisions are in the works for major networks. You'll be able to get these in the updaters in advance of the next Almanac revision, currently planned for late 1992 or early 1993.

Readers interested in particular items (sports, slogans, FM, etc.) can choose to order the updaters covering their choice of items, or we can notify you by postcard as they become available.

20 pages each, \$2 each to U.S. or Canada, \$3 elsewhere, payable to IRCA in U.S. funds. You may order as many as you wish, past, present, or future. Order from Bill Hardy, 2301 Pacific Ave., Aberdeen, WA, 98520. Thank you!